



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 856 Ship Notice/Manifest

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology

QC

100

.U57

NO. 881-66

1998

The National Institute of Standards and Technology was established in 1988 by Congress to “assist industry in the development of technology . . . needed to improve product quality, to modernize manufacturing processes, to ensure product reliability . . . and to facilitate rapid commercialization . . . of products based on new scientific discoveries.”

NIST, originally founded as the National Bureau of Standards in 1901, works to strengthen U.S. industry’s competitiveness; advance science and engineering; and improve public health, safety, and the environment. One of the agency’s basic functions is to develop, maintain, and retain custody of the national standards of measurement, and provide the means and methods for comparing standards used in science, engineering, manufacturing, commerce, industry, and education with the standards adopted or recognized by the Federal Government.

As an agency of the U.S. Commerce Department’s Technology Administration, NIST conducts basic and applied research in the physical sciences and engineering, and develops measurement techniques, test methods, standards, and related services. The Institute does generic and precompetitive work on new and advanced technologies. NIST’s research facilities are located at Gaithersburg, MD 20899, and at Boulder, CO 80303. Major technical operating units and their principal activities are listed below. For more information contact the Publications and Program Inquiries Desk, 301-975-3058.

Office of the Director

- National Quality Program
- International and Academic Affairs

Technology Services

- Standards Services
- Technology Partnerships
- Measurement Services
- Technology Innovation
- Information Services

Advanced Technology Program

- Economic Assessment
- Information Technology and Applications
- Chemical and Biomedical Technology
- Materials and Manufacturing Technology
- Electronics and Photonics Technology

Manufacturing Extension Partnership Program

- Regional Programs
- National Programs
- Program Development

Electronics and Electrical Engineering Laboratory

- Microelectronics
- Law Enforcement Standards
- Electricity
- Semiconductor Electronics
- Electromagnetic Fields¹
- Electromagnetic Technology¹
- Optoelectronics¹

Chemical Science and Technology Laboratory

- Biotechnology
- Physical and Chemical Properties²
- Analytical Chemistry
- Process Measurements
- Surface and Microanalysis Science

Physics Laboratory

- Electron and Optical Physics
- Atomic Physics
- Optical Technology
- Ionizing Radiation
- Time and Frequency¹
- Quantum Physics¹

Materials Science and Engineering Laboratory

- Intelligent Processing of Materials
- Ceramics
- Materials Reliability¹
- Polymers
- Metallurgy
- NIST Center for Neutron Research

Manufacturing Engineering Laboratory

- Precision Engineering
- Automated Production Technology
- Intelligent Systems
- Fabrication Technology
- Manufacturing Systems Integration

Building and Fire Research Laboratory

- Structures
- Building Materials
- Building Environment
- Fire Safety Engineering
- Fire Science

Information Technology Laboratory

- Mathematical and Computational Sciences²
- Advanced Network Technologies
- Computer Security
- Information Access and User Interfaces
- High Performance Systems and Services
- Distributed Computing and Information Services
- Software Diagnostics and Conformance Testing

¹ At Boulder, CO 80303.

² Some elements at Boulder, CO.

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 856 Ship Notice/Manifest

Implementation Convention

Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

March 1998



U.S. DEPARTMENT OF COMMERCE
William M. Daley, Secretary

Technology Administration
Gary R. Bachula, Acting Under Secretary for Technology

National Institute of Standards and Technology
Raymond G. Kammer, Director

Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

National Institute of Standards and Technology Special Publication 881-66
Natl. Inst. Stand. Technol. Spec. Publ. 881-66, 108 pages (Mar. 1998)
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1998

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

856 Ship Notice/Manifest

Functional Group ID=**SH**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

- 1. Contractors use this transaction set to send a single Shipment Notice (SN), applicable to one or more orders, under a single shipment number to a quality assurance representative (QAR).*
- 2. Contractor, Contract Administration Offices (CAOs) and other parties, such as Purchasing Offices, Item Managers and Program Managers, use this transaction set to provide shipment information to designated parties in a contract, Inventory Material Manager, or other Service/Agency designated organizations (the latter via their Automated Data Processing points). Contractors must transmit a Material Inspection and Receiving Report (MIRR, DD Form 250), Ship Notice, within one workday of shipment or performance. CAOs transmit a Shipment Performance Notice after receipt of a contractor transmitted Shipment Notice.*
- 3. Use a single occurrence of this transaction set to report, cancel, or correct, either one or more supply (including bulk petroleum) and service Shipment Notice or Shipment Performance Notice to one or more activities. Use one occurrence of this transaction set to transmit single or multiple transactions.*
- 4. This transaction set does not cover full reporting requirements for Tanker/Barge Material Inspection and Receiving Reports.*
- 5. Use this transaction set to send an original Shipment Notice, or to cancel or correct a previously transmitted Shipment Notice.*
- 6. The Defense Finance and Accounting Service uses a single occurrence of this transaction set to transmit Destination Acceptance alert information to ship-to addresses of material shipments requiring acceptance at destination.*
- 7. Use a single occurrence of this transaction set to transmit destination acceptance alerts for one or more shipments.*
- 8. Do not include classified information in the Shipment Notice or Shipment Performance Notice.*
- 9. The Defense Contract Management Command does not send Shipment Performance Notices for Army, Navy, and Defense Logistics Agency fast pay contracts of \$25,000 or less, except when reporting on bulk petroleum shipments.*

10. DoD, Federal and Civil Agency users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BSN	Beginning Segment for Ship Notice	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	DTM	Date/Time Reference	O	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
Must Use	010	HL	Hierarchical Level	M	1		cl
	020	LIN	Item Identification	O	1		
	030	SN1	Item Detail (Shipment)	O	1		
	040	SLN	Subline Item Detail	O	1000		
	050	PRF	Purchase Order Reference	O	1		
	060	PO4	Item Physical Details	O	1		
	070	PID	Product/Item Description	O	200		
	080	MEA	Measurements	O	40		
Not Used	090	PWK	Paperwork	O	25		
Not Used	100	PKG	Marking, Packaging, Loading	O	25		
	110	TD1	Carrier Details (Quantity and Weight)	O	20		
	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
	130	TD3	Carrier Details (Equipment)	O	12		
	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
	150	REF	Reference Numbers	O	>1		
Not Used	151	PER	Administrative Communications Contact	O	3		
			LOOP ID - LH1			100	
Not Used	152	LH1	Hazardous Identification Information	O	1		
Not Used	153	LH2	Hazardous Classification Information	O	4		
Not Used	154	LH3	Hazardous Material Shipping Name	O	12		
Not Used	155	LFH	Freeform Hazardous Material Information	O	20		
Not Used	156	LEP	EPA Required Data	O	3		
Not Used	157	LH4	Canadian Dangerous Requirements	O	1		
Not Used	158	LHT	Transborder Hazardous Requirements	O	3		
Not Used	159	LHR	Hazardous Material Identifying Reference Numbers	O	10		
Not Used	160	PER	Administrative Communications Contact	O	5		
Not Used	161	LHE	Empty Equipment Hazardous Material Information	O	1		
			LOOP ID - CLD			200	
	170	CLD	Load Detail	O	1		

	180	REF	Reference Numbers	O	200
Not Used	185	DTP	Date or Time or Period	O	1
	190	MAN	Marks and Numbers	O	>1
	200	DTM	Date/Time Reference	O	10
	210	FOB	F.O.B. Related Instructions	O	1
Not Used	215	PAL	Pallet Information	O	1
LOOP ID - N1					200
	220	N1	Name	O	1
	230	N2	Additional Name Information	O	2
	240	N3	Address Information	O	2
	250	N4	Geographic Location	O	1
	260	REF	Reference Numbers	O	12
	270	PER	Administrative Communications Contact	O	3
Not Used	280	FOB	F.O.B. Related Instructions	O	1
	290	SDQ	Destination Quantity	O	50
Not Used	300	ETD	Excess Transportation Detail	O	1
Not Used	310	CUR	Currency	O	1
	320	SAC	Service, Promotion, Allowance, or Charge Information	O	10
Not Used	330	GF	Furnished Goods and Services	O	1
LOOP ID - LM					10
	340	LM	Code Source Information	O	1
Must Use	350	LQ	Industry Code	M	100

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n1
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 X12.10 Ship Notice/Manifest	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BSN** Beginning Segment for Ship Notice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes: 1 If BSN07 is present, then BSN06 is required.
Semantic Notes: 1 BSN03 is the date the shipment transaction set is created.
2 BSN04 is the time the shipment transaction set is created.
3 BSN06 is limited to shipment related codes.
Comments: 1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.
Notes: *Use the 2/LM/340 loop in the 2/HL/010 shipment loop to indicate the status of the transaction set.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 01 Cancellation CO Corrected <i>Use only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, the entire Shipment Notice will be transmitted.</i>	M ID 2/2
Must Use	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment <i>1. Use, on other than Defense Logistics Management System Shipment Performance Notices, to cite the shipment number. If applicable, include the final shipment indicator (i.e., the letter Z) or if applicable, the replacement shipment indicator, e.g., A, B, etc., at the end of the shipment number.</i> <i>2. When used by Defense Contract Management Command as a Shipment Performance Notice or destination acceptance alert, use ZZ for this data element. Defense Logistics Management System does not use this data element, but it is mandatory in the X12 standards. The ZZ entry satisfies the X12 usage requirements; the receiving application software shall not process it.</i> <i>3. On Defense Logistics Management System Shipment Performance Notices, do not include the final shipment indicator (Z) on underrun deliveries when a final line item shipment is replaced. In that situation, use the 2/REF/150 segment.</i>	M AN 2/30
Must Use	BSN03	373	Date Date (YYMMDD) <i>1. Use to indicate the transaction set creation date.</i> <i>2. Express the originating activity's date in Universal Time Coordinate (UTC).</i>	M DT 6/6
Must Use	BSN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-	M TM 4/8

59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Express the originating activity's time in Universal Time Coordinate (UTC).

2. Express time in a four-position (Hour Hour Minute Minute) format.

BSN05 1005 Hierarchical Structure Code O ID 4/4

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

0001 Shipment, Order, Packaging, Item

1. Use ONLY when submitting a Ship/Notice Manifest for multiple orders per shipment.

2. When used, HL03 code P shall be used to indicate Packaging.

3. When used, HL03 code I use is optional.

BSN06 640 Transaction Type Code X ID 2/2

Code specifying the type of transaction

Use to indicate the type of transaction.

AS Shipment Advice

Notification by an inventory management organization providing current shipping advice relating to the outstanding requisition or order

Use to indicate the transaction is a Material Inspection and Receiving Report [Ship Notice] from a contractor.

U2 Shipment Performance Notice

Use only on Department of Defense internal systems [i.e., Defense Contract Management Command] when the transaction set contains one or more notices regardless of the type of Shipment Performance Notice.

U4 Acceptance Alert

Use only on Department of Defense internal systems when the transaction set contains one or more destination acceptance alerts.

Not Used BSN07 641 Status Reason Code O ID 3/3

Code indicating the status reason

Segment: **DTM** Date/Time Reference
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 282 Previous Report The date a previous report was submitted <i>Use to indicate the date of a previously transmitted Shipment Notice that is being cancelled or corrected.</i>	M ID 3/3
	DTM02	373	Date Date (YYMMDD) <i>1. Use to indicate the transaction set creation date of the original Shipment Notice (e.g., the date carried in BSN03 of the original transmission).</i> <i>2. Express the date in Universal Time Coordinate.</i>	X DT 6/6
	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>1. Use to indicate the transaction set creation time of the original Shipment Notice (e.g., the time carried in BSN04 of the original transmission).</i> <i>2. Express the time in a four-position (Hour Hour Minute Minute) format.</i>	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O NO 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

Comments:

- 1 The HL segment defines a top-down/left-right ordered structure.
- 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

1. *Iterations of the 2/HL/010 loop provide data structured in a hierarchical logic consisting of address, shipment, line item and container information.*
2. *Must use the first iteration of the 2/HL/010 loop as the address loop. Use the second iteration as shipment loop to provide shipment information common to all line items. Use the third iteration and, if applicable, additional iterations as the line item loop. However, when there is a container applicable to a shipment, use the third iteration of the loop to associate the container with the shipment iteration of the loop. In that circumstance, the first and subsequent line item loops, if any, would begin at the next iteration of the loop following completion of all shipment level container information. Use iterations of the loop to specify container information and information related to consolidated shipments. Repeat the line item and container loops as necessary to identify all line items and containers relevant to the shipment or line items being reported.*
3. *When BSN05 is code 0001, the hierarchical structure shall be shipment (HL03 code S), order (HL03 code O), and packaging (HL03 code P). Use of HL03 code I is optional.*

Data Element Summary

Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure <i>In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.</i>	M AN 1/12
	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12

1. Do not use in the first occurrence of the 2/HL/010 address loop. Use in subsequent 2/HL/010 shipment loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop.

2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment loop. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment or line item loop, as appropriate, to associate a returnable container with its relevant shipment or line item. Citing the applicable information in this fashion provides a cross-reference for all address, shipment, line item and container information contained in the shipment notice. Repeat the shipment, line item and container loops as necessary, to identify all shipments, line items and containers relevant to the shipment(s) being reported.

Must Use HL03 735 Hierarchical Level Code M ID 1/2
Code defining the characteristic of a level in a hierarchical structure

4 Group
Code identifying a group of charges on the bill

Use to indicate a consolidated shipment.

I Item

1. Use to identify the individual line item loops.

2. When BSN05 is code 0001, use of this code is optional

O Order

1. Use to identify the individual order loops.

2. This code is used ONLY when BSN05 is code 0001.

P Pack

1. Use to identify the individual packaging loops.

2. This code is used ONLY when BSN05 is code 0001.

S Shipment

Use to identify the individual shipment loops.

V Address Information

The HL loop will identify entities associated with the shipment notice transaction

Use to identify the transaction set address loop.

ZZ Mutually Defined

Use to indicate the container level in a 2/HL/010 loop iteration. Container loops, regardless of whether the containers are returnable or not, should follow either the shipment or line item iteration of the HL segment.

HL04 736 Hierarchical Child Code O ID 1/1

Code indicating whether if there are hierarchical child data segments subordinate to the level being described.

0 No Subordinate HL Segment in This Hierarchical Structure.

1 Additional Subordinate HL Data Segment in This Hierarchical Structure.

Segment:	LIN Item Identification
Position:	020
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	<ol style="list-style-type: none"> 1. <i>Use the 2/LIN/020 segment in 2/HL/010 line item loops to cite a line item and to identify the National Stock Number, or other description of the item cited.</i> 2. <i>If the line item cannot be described using one of the listed codes, there must be at least one use of LIN02/03 citing any applicable code, to satisfy syntax requirements of X12.</i> 3. <i>Must use at least one iteration of this segment to identify the line item.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
LIN01	350	Assigned Identification	O AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set	
		<ol style="list-style-type: none"> 1. <i>Use to identify in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System.</i> 2. <i>This data element is required when preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Command use.</i> 	
Must Use	LIN02	235 Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<ol style="list-style-type: none"> 1. <i>For Navy and Defense Logistics Agency contracts, LIN02 must be used at least once and cited either of codes FS, MG, or SW to identify material. Use</i> 	

code SV to identify a service performance notice.

2. Use code PD when the line item cannot be identified by using one of the other listed codes. When used, describe the item in the associated Product/Service ID, DE 234.

3. For other than Navy and Defense Logistics Agency contracts use any applicable code(s).

4. For bulk fuels, only use code FS.

A8	Exhibit Line Item Number The line item of a document referenced in and appended to a procurement instrument which establishes a delivery requirement
AK	Refined Product Code
B8	Batch Number <i>Use to indicate a batch number.</i>
CG	Commodity Grouping <i>Use to indicate a commodity code.</i>
CH	Country of Origin Code
CL	Color
CN	Commodity Name
EF	Exhibit Identifier Identification letter for an exhibit attached to a solicitation. <i>Use to indicate the letter assigned to an exhibit.</i>
F7	End-Item Description Item identifier describes an end-item associated with the use of the required material <i>Use to indicate the end item to which the ordered item applies.</i>
F8	Next Higher Used Assembly Item identifier describes the next higher assembly associated with the use of the required material <i>Use to indicate the next higher assembly to which the ordered item applies.</i>
FS	National Stock Number <i>Must use for Navy and Defense Logistics Agency contracts, when the National Stock Number is known. Transmit the number without the dashes. Submit only the basic 13 position National Stock Number.</i>
FT	Federal Supply Classification <i>Use when required to identify the Federal Supply Classification of a National Stock Number.</i>
IN	Buyer's Item Number <i>Use to indicate a locally assigned code for a product or service whenever stock number does not apply.</i>
KA	Engineering Data List <i>Use to indicate the Engineering Data List that contains technical information relating to the Contract Line or Subline Item Number.</i>
KB	Data Category Code

	<i>When LIN01 is a Contract Line or Subline Item Number related to an exhibit, use to indicate the data category of a Contract Data Requirements List.</i>
KD	Replacement National Stock Number
KF	Item Type Number
KG	Time Compliant Technical Order
KI	Cognizance Symbol
KJ	Material Control Code
	<i>Use to indicate the Government assigned management/material control code if provided.</i>
KK	Special Material Identification Code
KL	Item Management Code
KM	Shelf-Life Code
KN	Shelf-Life Action Code
LT	Lot Number
	<i>Use to indicate a manufacturing lot number.</i>
MF	Manufacturer
	<i>Use to indicate the manufacturer when required as part of the description.</i>
MG	Manufacturer's Part Number
	<i>Use as needed to identify the manufacturer's part number. When applicable use an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's Contractor and Government Entity code.</i>
MN	Model Number
	<i>Use to indicate the model number of an item.</i>
N1	National Drug Code in 4-4-2 Format 4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N2	National Drug Code in 5-3-2 Format 5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
N3	National Drug Code in 5-4-1 Format 5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
ND	National Drug Code (NDC)
PD	Part Number Description
	<i>Use the associated 234 data element in the 235/234 pair to describe the noun of the item nomenclature. Use 2/PID/070 when additional description is required.</i>
PU	Part Reference Number Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as location of

			a particular part on a truck engine, or to a reference to a circuit location on an electronic assembly <i>Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.</i>
RC			Returnable Container No. <i>Use to indicate a National Stock Number, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.</i>
SN			Serial Number <i>Use to identify the item serial number.</i>
ST			Style Number <i>Use to indicate a manufacturer's style identifier.</i>
SV			Service Rendered <i>Use to describe a service line item performed for any Service or Agency. When used, provide a text description in no more than 20 characters in the paired data element 234.</i>
SW			Stock Number <i>Use to identify a local stock number for Navy and Defense Logistics Agency contracts.</i>
SZ			Vendor Alphanumeric Size Code (NRMA) <i>Use to indicate a part number assigned by a contractor other than a manufacturer.</i>
TP			Product Type Code <i>Use to indicate a product type or size.</i>
UA			U.P.C./EAN Case Code (2-5-5)
UE			U.P.C./EAN Module Code (2-5-5)
UK			U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit
VI			Vary Item Product Number <i>Use to indicate a non-catalog number.</i>
VP			Vendor's (Seller's) Part Number <i>Use to indicate a part number assigned by a contractor other than a manufacturer.</i>
ZB			Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. Government <i>Use to identify a manufacturer's Contractor and Government Entity code only when another 235/234 pair cites code MG.</i>

Must Use	LIN03	234	Product/Service ID	M	AN 1/40
			Identifying number for a product or service		

Use code "Z" to indicate "See Contract" when the item cannot be described by one of the other codes, or by using the 2/PID/070 segment.

LIN04	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN05	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN06	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN07	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN08	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN09	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN10	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN11	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN12	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN13	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN14	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN15	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN16	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN17	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN18	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN19	234	Product/Service ID	X	AN 1/40

		Identifying number for a product or service		
LIN20	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN21	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN22	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN23	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN24	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN25	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN26	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN27	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN28	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN29	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN30	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
LIN31	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		

Segment: **SN1** Item Detail (Shipment)
Position: 030
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes: 1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes: 1 SN101 is the ship notice line-item identification.
Comments: 1 SN103 defines the unit of measurement for both SN102 and SN104.
Notes:

1. Use as needed in the 2/HL/010 line item loops to identify shipment quantities in the various levels. Use as necessary in the 2/HL/010 container loops to indicate the number of returnable shipping containers. Use 2/REF/150, code RS to indicate the serial numbers of returnable containers or shipping containers.
2. Use only as needed when reporting services.
3. When used to indicate items shipped to multiple consignees, there must be an iteration of the 2/SLN/040 segment to indicate the total quantity shipped.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
SN101	350	Assigned Identification	O	AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set <i>Use only to indicate that the quantity of units shipped, as cited in SN102 is an estimated quantity. When used, cite the letter E. Do not use when the quantity shipped is actual.</i>		
Must Use	SN102	382 Number of Units Shipped	M	R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set <i>1. When BSN05 is not present and HL03 is code S (shipment loop), use to identify the quantity shipped.</i> <i>2. Use as necessary in the 2/HL/010 container loop to indicate the quantity of returnable containers or the total quantity of containers shipped. Use 2/REF/150 code RS to indicate serial numbers of returnable containers.</i> <i>3. When BSN05 is code 0001 and HL03 is code O (Order loop), use to identify the number of items shipped in an order.</i> <i>4. When BSN05 is code 0001 and HL03 is code P (Pack loop), use to identify the number of items shipped in a pack.</i> <i>5. Use the number "0" (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice.</i>		
Must Use	SN103	355 Unit or Basis for Measurement Code	M	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code, other than code ZZ, to identify as necessary, the purchase unit for the quantity shipped or service performed. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. Use code UL when no purchase unit applies.</i>		

2. Use as necessary to indicate the applicable unit when in the shipment or container level loops.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SN104	646	Quantity Shipped to Date	O	R 1/9
			Number of units shipped to date		

	SN105	330	Quantity Ordered	X	R 1/9
			Quantity ordered		

Use to indicate another quantity against an alternate unit of issue. When used, include that other unit of issue in the SN106 data element.

	SN106	355	Unit or Basis for Measurement Code	X	ID 2/2
--	-------	-----	------------------------------------	---	--------

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Use any code, other than code ZZ, to indicate the alternate unit of measure. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SN107	728	Returnable Container Load Make-Up Code	O	ID 1/2
----------	-------	-----	--	---	--------

Code identifying the load make-up of the returnable containers in the shipment

Not Used	SN108	668	Line Item Status Code	O	ID 2/2
----------	-------	-----	-----------------------	---	--------

Code specifying the action taken by the seller on a line item requested by the buyer

Segment:	SLN Subline Item Detail
Position:	040
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If SLN07 is present, then SLN06 is required. 2 If SLN08 is present, then SLN06 is required. 3 If either SLN09 or SLN10 is present, then the other is required. 4 If either SLN11 or SLN12 is present, then the other is required. 5 If either SLN13 or SLN14 is present, then the other is required. 6 If either SLN15 or SLN16 is present, then the other is required. 7 If either SLN17 or SLN18 is present, then the other is required. 8 If either SLN19 or SLN20 is present, then the other is required. 9 If either SLN21 or SLN22 is present, then the other is required. 10 If either SLN23 or SLN24 is present, then the other is required. 11 If either SLN25 or SLN26 is present, then the other is required. 12 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	<ol style="list-style-type: none"> 1. <i>When the line item is shipped with missing components, indicate and list separately, the associated Contract Line Item Number, a code indicating that the shipment is short, the quantity of items not shipped, and their unit of issue and unit price as applicable. Use 2/N1/220 to cite as applicable the authority for shipment.</i> 2. <i>Use to indicate the total quantity shipped to multiple consignees.</i> 3. <i>Use to indicate the unit price of items including Government Furnished Property.</i> 4. <i>Do not use in Department of Defense when generating a Shipment Performance Notice or for bulk fuel shipment performance notices.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Use as a counter. Start with the number 1 and increase the number by 1 for each iteration of the segment.</i>	M AN 1/11
	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/11

			<i>Use to indicate, as applicable, the associated line item.</i>		
Must Use	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			D	Delete	
			<i>Use to indicate that the cited shipment or line item is short components. Indicate the quantity of missing components in SLN04 and enter the total dollar value of the missing components in SLN06.</i>		
			O	Information Only	
			Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)		
			<i>Use to indicate in SLN04 the total quantity shipped for multiple consignees and indicate the unit price in SLN06.</i>		
Must Use	SLN04	380	Quantity	M	R 1/15
			Numeric value of quantity		
Must Use	SLN05	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	SLN06	212	Unit Price	X	R 1/17
			Price per unit of product, service, commodity, etc.		
			<i>In Defense Contract Management Command administered contracts, when SLN03 = code "O", this is the unit price; when SLN03 = code "D", this is the total amount associated with the value of missing components.</i>		
	SLN07	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item		
			ES	Estimated	
			<i>Use to indicate the price in SLN06 is an estimate.</i>		
			KA	Price with Government Furnished Property	
			<i>1. Use to indicate that the price in SLN06 is for Government Furnished Material/Property or Equipment associated with the manufactured item.</i>		
			<i>2. When used, cite code O in SLN03.</i>		
	SLN08	662	Relationship Code	O	ID 1/1
			Code indicating the relationship between entities		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	SLN09	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			<i>1. Use code PD when the line item cannot be identified by using one of the other listed codes. When used to describe the item in the associated Product/Service ID, DE 234.</i>		
			<i>2. For bulk fuels, only use code FS.</i>		
			A8	Exhibit Line Item Number	
			The line item of a document referenced in and appended to a procurement instrument which establishes a		

	delivery requirement
AK	Refined Product Code
B8	Batch Number
	<i>Use to indicate a batch number.</i>
CG	Commodity Grouping
	<i>Use to indicate a commodity code.</i>
CH	Country of Origin Code
CL	Color
CN	Commodity Name
EF	Exhibit Identifier
	Identification letter for an exhibit attached to a solicitation.
	<i>Use to indicate the letter assigned to an exhibit.</i>
F7	End-Item Description
	Item identifier describes an end-item associated with the use of the required material
	<i>Use to indicate the end item to which the ordered item applies.</i>
F8	Next Higher Used Assembly
	Item identifier describes the next higher assembly associated with the use of the required material
	<i>Use to indicate the next higher assembly to which the ordered item applies.</i>
FS	National Stock Number
	<i>Must use for Navy and Defense Logistics Agency contracts, when the National Stock Number is known. Transmit the number without the dashes (-). Submit only the basic 13 position National Stock Number.</i>
FT	Federal Supply Classification
	<i>Use when required to indicate the Federal Supply Classification of a National Stock Number.</i>
IN	Buyer's Item Number
	<i>Use to indicate a locally assigned code for a product or service whenever stock number does not apply.</i>
KA	Engineering Data List
	<i>Use to indicate the Engineering Data List that contains technical information related to the Contract Line or Sub Line Item Number.</i>
KB	Data Category Code
	<i>When N101 is a Contract Line or Sub Line Item Number related to an exhibit, use to indicate the data category of a Contract Data Requirement List.</i>
KD	Replacement National Stock Number
KF	Item Type Number
KG	Time Compliant Technical Order
KI	Cognizance Symbol
KJ	Material Control Code
	<i>Use to indicate the Government assigned management/material control code if provided.</i>
KK	Special Material Identification Code
KL	Item Management Code

KM	Shelf-Life Code
KN	Shelf-Life Action Code
LT	Lot Number <i>Use to indicate a manufacturing lot number.</i>
MF	Manufacturer <i>Use to indicate the manufacturer when required as part of the description.</i>
MG	Manufacturer's Part Number <i>Use as needed to identify the manufacturer's part number. When using, there must be an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's Contractor and Government Entity code.</i>
MN	Model Number <i>Use to indicate the model number of an item.</i>
N1	National Drug Code in 4-4-2 Format 4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N2	National Drug Code in 5-3-2 Format 5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
N3	National Drug Code in 5-4-1 Format 5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
ND	National Drug Code (NDC)
PD	Part Number Description <i>Use the associated 234 data element in the 235/234 pair to describe the item nomenclature. Use 2/PID/070 when additional description is required.</i>
PU	Part Reference Number Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as location of a particular part on a truck engine, or to a reference to a circuit location on an electronic assembly <i>Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.</i>
RC	Returnable Container No. <i>Use to indicate an National Stock Number, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.</i>
SN	Serial Number <i>Use to identify the item serial number.</i>

ST	Style Number <i>Use to indicate a manufacturer's style identifier.</i>
SV	Service Rendered <i>Use to indicate (in text) the service being ordered.</i>
SW	Stock Number <i>Use to identify a local stock number for Navy and Defense Logistics Agency contracts.</i>
SZ	Vendor Alphanumeric Size Code (NRMA) <i>Use to indicate the size of an item being ordered.</i>
TP	Product Type Code <i>Use to indicate a product type or size.</i>
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit
VI	Vary Item Product Number <i>Use to indicate a non-catalog number.</i>
VP	Vendor's (Seller's) Part Number <i>Use to indicate a part number assigned by a contractor other than a manufacturer.</i>
ZB	Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. Government <i>Use to identify a manufacturer's Contractor and Government Agency code only when a 235/234 pair cites coded MG.</i>

SLN10	234	Product/Service ID	X	AN 1/40	Identifying number for a product or service
SLN11	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.
SLN12	234	Product/Service ID	X	AN 1/40	Identifying number for a product or service
SLN13	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.
SLN14	234	Product/Service ID	X	AN 1/40	Identifying number for a product or service
SLN15	235	Product/Service ID Qualifier	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.
SLN16	234	Product/Service ID	X	AN 1/40	Identifying number for a product or service

SLN17	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
SLN18	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
SLN19	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
SLN20	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
SLN21	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
SLN22	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
SLN23	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
SLN24	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
SLN25	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
SLN26	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
SLN27	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
SLN28	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		

Segment: **PRF** Purchase Order Reference
Position: 050
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide reference to a specific purchase order
Syntax Notes:
Semantic Notes: 1 PRF04 is the date assigned by the purchaser to purchase order.
Comments:
Notes:

1. Use in 2/HL/010 shipment loops to identify contract information.
2. Use to identify the Procurement Instrument Identification Number and, if applicable, the Supplemental Procurement Instrument Identification Number.
3. Use to identify a contract or order modifications, as applicable, except for Defense Contract Management Command use in generating a Shipment Performance Notice.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser <i>Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in PRF02. This number shall be transmitted without dashes.</i>	M AN 1/22
	PRF02	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <i>Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes. When preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Command do not include the contract modification number.</i>	O AN 1/30
	PRF03	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set <i>1. Use to indicate, as applicable, the modification number of the contract or purchase order. When a call or delivery order is cited, use to indicate the modification number of the call or order, as applicable. When both the contract and call or order have been modified, cite the modification number of the call or order and do not transmit the modification number of the contract.</i> <i>2. Except when shipping instructions are furnished by telephone or message and the confirming contract modification (SF 30) has not been received, do</i>	O AN 1/8

not use PRF03 to enter supplementary numbers used in conjunction with basic Procurement Instrument Identification Numbers to identify -- Modifications to contracts and agreements; Modifications to calls/orders; or Document numbers representing contracts written between contractors.

	PRF04	373	Date	O DT 6/6
			Date (YYMMDD)	
	PRF05	350	Assigned Identification	O AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>Cite the unique identifier that relates the order number to the billing period.</i>	
	PRF06	367	Contract Number	O AN 1/30
			Contract number	
			<i>Use to identify the Small Business Administration (SBA) contract number for an 8a set-aside. The SBA office issuing this contract is cited in 2/N1/220 segment by use of code C9 in N101.</i>	
Not Used	PRF07	92	Purchase Order Type Code	O ID 2/2
			Code specifying the type of Purchase Order	

Segment: **PO4** Item Physical Details
Position: 060
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:

- 1 If either PO402 or PO403 is present, then the other is required.
- 2 If PO405 is present, then PO406 is required.
- 3 If either PO406 or PO407 is present, then the other is required.
- 4 If either PO408 or PO409 is present, then the other is required.
- 5 If PO410 is present, then PO413 is required.
- 6 If PO411 is present, then PO413 is required.
- 7 If PO412 is present, then PO413 is required.
- 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:
Comments:

- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
- 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: *Use, as necessary, to describe the physical details of the item cited in LIN01.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit	
PO402	357	Size	X R 1/8
		Size of supplier units in pack	
PO403	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO404	103	Packaging Code	O AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO405	187	Weight Qualifier	O ID 1/2
		Code defining the type of weight	
		<i>Use any code other than code Z.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO406	384	Gross Weight per Pack	X R 1/9
		Numeric value of gross weight per pack	
PO407	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	

		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO408	385	Gross Volume per Pack	X	R 1/9
		Numeric value of gross volume per pack		
PO409	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO410	82	Length	X	R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position		
PO411	189	Width	X	R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
PO412	65	Height	X	R 1/8
		Vertical dimension of an object measured when the object is in the upright position		
PO413	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO414	810	Inner Pack	O	N0 1/6
		Number of units in each selling pack		

Segment:	PID Product/Item Description
Position:	070
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.
Comments:	<ol style="list-style-type: none"> 1 If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<i>Use this segment only when additional free form text is needed to describe the item cited in LIN01.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
Not Used	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352	Description A free-form description to clarify the related data elements and their content <i>Use to describe the item cited in LIN01 only when an additional description is required.</i>	X AN 1/80
Not Used	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1

Segment:	MEA Measurements
Position:	080
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<ol style="list-style-type: none"> 1. <i>Use this segment, as required, to provide measurements related to the item cited in LIN01.</i> 2. <i>Use to indicate, as applicable, measurements for shipment of bulk petroleum.</i> 3. <i>Use to provide limits for material and environmental controls.</i>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
MEA02	738	Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		A3 Ageing Time	
		The time taken, once a product has been initially manufactured, to come to a desired quality through undisturbed rest or curing; also, the time taken to bring to a desired use or maturity	
		<i>Use to indicate ageing requirements for time sensitive material.</i>	
		API API Gravity	
		A special hydrometer scale recommended for exclusive use in the U.S. Petroleum Industry for liquids lighter than water	
		<i>Use to indicate the value is the American Petroleum Institute gravity (bulk only) for petroleum shipments.</i>	
		BK Bulk	
		<i>Use to indicate that the value is gross gallons (bulk only) for petroleum shipments.</i>	
		FG Freezing Point	
		<i>Use as applicable to indicate the freezing points for material.</i>	
		FMZ Flammability	

			MT	Moisture Content		
				<i>Use as applicable to indicate flammability data for material.</i>		
			TC	Temperature		
				<i>Use as applicable to indicate humidity data for material.</i>		
			TES	Storage Temperature		
				<i>Use to indicate that the value is the loading temperature (bulk only) for petroleum shipments.</i>		
				<i>Use as applicable to indicate storage temperature.</i>		
	MEA03	739	Measurement Value		X	R 1/20
			The value of the measurement			
	MEA04	C001	Composite Unit of Measure		X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
Must Use	C00101	355	Unit or Basis for Measurement Code		M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. The listed codes are to be used in accordance with their accompanying notes.</i>			
			FA Fahrenheit			
			<i>Use to indicate the loading temperature (bulk only) of petroleum.</i>			
			GA Gallon			
			<i>Use to indicate the gross gallons (bulk only) for petroleum shipments.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	C00102	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00103	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
	C00104	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<i>Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	C00105	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00106	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00107	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00108	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00109	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00110	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00111	1018	Exponent		O	R 1/15

			Power to which a unit is raised		
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X	R 1/20
Not Used	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X	R 1/20
Not Used	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O	ID 2/2
Not Used	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	X	ID 2/2
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O	ID 2/4

Segment: **TD1** Carrier Details (Quantity and Weight)
Position: 110
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:

- 1 If TD101 is present, then TD102 is required.
- 2 If TD103 is present, then TD104 is required.
- 3 If TD106 is present, then TD107 is required.
- 4 If either TD107 or TD108 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Use in all contracts administered by Defense Contract Management Command with the exception of Fast Pay Procedures. Use in the 2/HL/010 shipment loop to provide, as applicable, the actual weight in pounds, of the shipment being reported.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	TD101	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	O AN 3/5
Not Used	TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	X N0 1/7
Not Used	TD103	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code	O ID 1/1
Not Used	TD104	22	Commodity Code Code describing a commodity or group of commodities	X AN 1/30
Not Used	TD105	79	Lading Description Description of an item as required for rating and billing purposes	O AN 1/50
	TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	O ID 1/2
	TD107	81	Weight Numeric value of weight <i>The actual gross weight in pounds of the shipment being reported.</i>	X R 1/10
	TD108	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X ID 2/2

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 120
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.

Semantic Notes:
Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: *Use in 2/HL/010 shipment loops to identify the mode of shipment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
Not Used	TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
Not Used	TD503	67	Identification Code Code identifying a party or other code	X AN 2/20
	TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment <i>Use any code to identify the mode of shipment. Use code ZZ to indicate a tanker shipment. When code ZZ is cited, transmit the transaction set to all addresses qualified by code PN in 2/N1/220. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes. Refer to 003050 Data Element Dictionary for acceptable code values.</i>	X ID 1/2
Not Used	TD505	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
Not Used	TD506	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X ID 2/2
Not Used	TD507	309	Location Qualifier Code identifying type of location	O ID 1/2
Not Used	TD508	310	Location Identifier Code which identifies a specific location	X AN 1/30
Not Used	TD509	731	Transit Direction Code The point of origin and point of direction	O ID 2/2
Not Used	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	O ID 2/2
Not Used	TD511	733	Transit Time The numeric amount of transit time	X R 1/4
Not Used	TD512	284	Service Level Code	X ID 2/2

Code defining service

Segment: **TD3** Carrier Details (Equipment)
Position: 130
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify transportation details relating to the equipment used by the carrier
Syntax Notes:

- 1 If TD302 is present, then TD303 is required.
- 2 If TD304 is present, then TD305 is required.
- 3 If either TD305 or TD306 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use in the 2/HL/010 loop to indicate the type and the identification number of equipment used for shipments.*

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	TD301	40	Equipment Description Code Code identifying type of equipment used for shipment <i>1. Use to describe shipping equipment.</i> <i>2. Use any code other than code ZZ.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	TD302	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
	TD303	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) <i>1. Use on consolidated shipments to indicate each rail car number.</i> <i>2. When BSN05 is code 0001, use to identify the number of a container.</i>	X AN 1/10
Not Used	TD304	187	Weight Qualifier Code defining the type of weight	O ID 1/2
Not Used	TD305	81	Weight Numeric value of weight	X R 1/10
Not Used	TD306	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	TD307	102	Ownership Code Code indicating the relationship of equipment to carrier or ownership of equipment	O ID 1/1
Not Used	TD308	407	Seal Status Code Code indicating condition of door seal upon arrival	O ID 2/2
	TD309	225	Seal Number Unique number on seal used to close a shipment <i>Use to indicate seal numbers on shipping containers.</i>	O AN 2/15

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position: 140
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.
Semantic Notes:
Comments:
Notes:

1. Use to indicate hazardous requirements associated with the shipment, e.g., HL03 = Code S.
2. Use to indicate ownership of returnable containers.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	152	Special Handling Code Code specifying special transportation handling instructions <i>Use any code other than code ZZZ. Use code GOC when a container is Government owned. When not used, default is contractor owned or leased container.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material <i>Cite the appropriate Department of Transportation code.</i>	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content <i>Use only when special handling instructions or additional information about the shipment needs to be provided in free form text.</i>	X AN 1/80

Segment: REF Reference Numbers
Position: 150
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use in the 2/HL/010 shipment loop to identify bill of lading and transportation control numbers.
2. Use in the 2/HL/010 line item loops to identify, if applicable, the transaction number (i.e., the requisition number), and also, if applicable, the requisition number suffix, and other suffix, and other controlling numbers.
3. Use in the 2/HL/010 shipment loop to identify the shipment number assigned by the contractor, and if applicable, the suffix associated with the shipment number.
4. Use in the 2/HL/010 container loop to identify information relating to shipping container.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	REF01	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	

Use any code. The listed codes are preferred.

16, 2D, 2E, 2S, 2Y, 3H, 39, 55, 5N, 5S, 72, 73, 82, 83, 97, 9G, AH, AT, AU, BL, BM, C4, CR, DG, DS, E4, EH, EV, FJ, FS, IJ, IL, IQ, IX, K0, K4, K6, KL, KS, KV, KW, LT, NI, NJ, NL, P3, P4, PH, PR, QC, QI, RE, RQ, RS, S2, S3, SI, T4, TG, TN, TP, VQ, VV, VW, W2, W8, WF, WY, XC, XE, YB and ZE.

- | | |
|----|---|
| 01 | American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits) |
| 02 | Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters) |
| 03 | Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits) |
| 04 | Canadian Bank Branch and Institution Number |
| 05 | Clearing House Interbank Payment System (CHIPS) User Identification (6 digits) |
| 06 | System Number
A unique number assigned by the manufacturer to identify the initial computer system sold to the customer |
| 07 | Add-On System Number
A unique number assigned by the manufacturer to identify additional products added to or used by the customer in the initial system |
| 08 | Carrier Assigned Package Identification Number
A reference number assigned by a carrier to uniquely |

	identify a single package
09	Customs Bar Code Number
0A	Supervisory Appraiser Certification Number
0B	State License Number
0C	Certification Number
0D	Subject Property Verification Source
0E	Subject Property Reference Number
0F	Subscriber Number
0G	Reviewer File Number
0H	Comparable Property Pending Sale Reference Number
0I	Comparable Property Sale Reference Number
0J	Subject Property Non-Sale Reference Number
10	Account Managers Code
	Identifies the telecommunications manager assigned to this account
11	Account Number
	Number identifies a telecommunications industry account
12	Billing Account
	Account number under which billing is rendered
13	Horizontal Coordinate
	Positional address, horizontal component. The assigned address is based upon a grid mapping scheme
14	Master Account Number
	Account number used to represent individual billing accounts which have been consolidated and/or summarized
15	Vertical Coordinate
	Positional Address, Vertical component. The assigned address is based upon a grid mapping scheme
16	Military Interdepartmental Purchase Request (MIPR) Number
	A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement
17	Client Reporting Category
	Code assigned by the client to categorize participants for reporting requirements
18	Plan Number
	The unique identification number assigned for a defined contribution plan
19	Division Identifier
1A	Blue Cross Provider Number
1B	Blue Shield Provider Number
1C	Medicare Provider Number
1D	Medicaid Provider Number
1E	Dentist License Number
1F	Anesthesia License Number
1G	Provider UPIN Number

1H	CHAMPUS Identification Number
1I	Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition
1J	Facility ID Number
1K	Payor's Claim Number
1L	Group or Policy Number
1M	Preferred Provider Organization Site Number An identification number used to identify the Preferred Provider Organization (PPO) and/or its office location
1N	Diagnosis Related Group (DRG) Number
1O	Consolidation Shipment Number Qualifies a single number that is a key to a group of individual shipment numbers
1P	Accessorial Status Code Qualifies a single number that describes the status of an accessorial transportation service
1Q	Error Identification Code Qualifies a single number that describes an error found in application-level data
1R	Storage Information Code Qualifies text data that describes a storage facility used for transportation services
1S	Ambulatory Patient Group (APG) Number
1T	Resource Utilization Group (RUG) Number
1U	Pay Grade
1V	Related Vendor Order Number A vendor's order number that is in addition to a primary order number
1W	Member Identification Number Unique identification number assigned to each member under a subscriber's contract
1X	Complaint Code
1Y	Repair Action Number
1Z	Financial Detail Code
20	Repair Part Number Code assigned by a company to represent internal delivery points
21	American Gas Association Equation Number Indicates which American Gas Association (AGA) equation was used to calculate the volumes reported
22	Special Charge or Allowance Code
23	Client Number
24	Short-term Disability Policy Number
25	Reason Not Lowest Cost Code Qualifies a code that identifies why a service/rate other than the least costly service/rate was used
26	Union Number
27	Insuror Pool Identification Number
28	Employee Identification Number for Employer Usage

29	Foreclosure Account Number
2A	Import License Number
2B	Terminal Release Order Number
	Cargo number assigned to staged material
2C	Long-term Disability Policy Number
2D	Aeronautical Equipment Reference Number (AERNO)
	A unique number assigned to a particular piece of Government-furnished aeronautical equipment
	<i>Use on shipment of Government Furnished Aeronautical Equipment (GFAE) under Air Force contracts, enter the assignment Aeronautical Equipment Reference Number (AERNO).</i>
2E	Foreign Military Sales Case Number
	A reference number designating the foreign military sale records
	<i>Use to indicate a Foreign Military Sale.</i>
2F	Consolidated Invoice Number
2G	Amendment
2H	Assigned by transaction set sender
2I	Tracking Number
2J	Floor Number
2K	Food and Drug Administration (FDA) Product Type
2L	Association of American Railroads (AAR) Railway Accounting Rules
2M	Federal Communications Commission (FCC) Identifier
2N	Federal Communications Commission (FCC) Trade/Brand Identifier
2O	Occupational Safety and Health Administration (OSHA) Claim Number
2P	Subdivision Identifier
2Q	Food and Drug Administration (FDA) Accession Number
2R	Coupon Redemption Number
2S	Catalog
	<i>Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.</i>
2T	Sub-subhouse Bill of Lading
2U	Payer Identification Number
2V	Special Government Accounting Classification Reference Number (ACRN)
2W	Change Order Authority
2X	Supplemental Agreement Authority
2Y	Wage Determination
	<i>Use to indicate a Department of Labor Wage Determination Number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.</i>
2Z	U.S. Customs Service (USCS) Anti-dumping Duty Case Number

30	United States Government Visa Number
31	Docket Number
32	Credit Repository Code
33	Lender Case Number
34	Loan Request Number
35	Multifamily Project Number
36	Underwriter Identification Number
37	Condominium Identification Number
38	Master Policy Number
39	Proposal Number
	<i>Use to indicate the number of a Value Engineering Change Proposal (VECP).</i>
3A	Section of the National Housing Act Code A code taken from the Mortgage Insurance Certificate indicating the specific National Housing Act Program under which the mortgage is insured
3B	Supplemental Claim Number Number assigned by claimant to a supplemental claim for benefits
3C	Payee Loan Number Number assigned by payee to insured loan; used only when payee is different from insured lender
3D	Servicer Loan Number The loan number assigned by the servicer to the mortgage when the servicer is not the insured entity
3E	Investor Loan Number The number assigned by the investor to the mortgage when the investor is different from the insured or payee
3F	Show Identification Identification of a broadcast program
3G	Catastrophe Number
3H	Case Number <i>Use to identify the case number of unique excess plant property. This number, in conjunction with the Schedule Reference Number, establishes a digital reference number to completely identify the excess plant property. Use only when requisitioning excess plant property from the Defense Contract Management Command (DCMC).</i>
3I	Precinct Number
3J	Office Number
3K	Petroleum Pool Code A code which identifies a common source of underground oil or gas supply whose vertical and horizontal limits are defined by a state regulatory agency
3L	Branch Identifier
3M	Federal Communications Commission (FCC) Condition Code
3N	Gas Custodian Identification Identification number for custodian from whom gas was

	received or to whom gas was delivered
3O	U.S. Customs Service (USCS) Pre-approval Ruling Number
3P	Third Party Originator Number
	Number identifying the organization acting as a correspondent in originating a loan
3Q	Food and Drug Administration (FDA) Product Code
3R	U.S. Customs Service (USCS) Binding Ruling Number
3S	Provincial (Canadian) Sales Tax Exemption Number
3T	U.S. Customs Service (USCS) Pre-classification Ruling Number
3U	Protraction Number
	The identifier of an official protraction diagram, either an official protraction diagram or a leasing map
3V	Formation Identifier
	A code or name identifying a subsurface formation
3W	U.S. Customs Service (USCS) Commercial Description
3X	Subcontract Number
3Y	Receiver Assigned Drop Zone
3Z	Customs Broker Reference Number
40	Lease Schedule Number - Replacement
41	Lease Schedule Number - Prior
42	Phone Calls
43	Supporting Document Number
	Supports or clarifies information and values represented in a document
44	End Use Number
	Represents the final use or form of the material being manufactured or sold
45	Old Account Number
	Identifies accounts being changed
46	Old Meter Number
	Identifies meters being removed
47	Plate Number
48	Agency's Student Number. This is the number assigned by an agency other than the institution sending the record.
	Student number assigned by an agency other than the institution sending or receiving the record
49	Family Unit Number
	An identification number assigned to siblings within the same family
4A	Personal Identification Number (PIN)
	A number that uniquely identifies an individual
4B	Shipment Origin Code
4C	Shipment Destination Code
4D	Shipping Zone
4E	Carrier-assigned Consignee Number
4F	Carrier-assigned Shipper Number
4G	Provincial Tax Identification

4H	Commercial Invoice Number
4I	Balance-due Reference Number
4J	Vehicle-related Services Reference Number
4K	Accessorial Rail Diversion Reference Number
4L	Location-specific Services Reference Number
4M	Special Move Reference Number
4N	Special Payment Reference Number
4O	Canadian Goods & Services or Quebec Sales Tax Reference Number
4P	Affiliation Number
4Q	Call Sign
4R	Rule Section
4S	Preferred Call Sign
4T	North American Datum Standard (NADS)
4U	Market Area
4V	Emission Designator
4W	Study
4X	Log
4Y	Subhouse Bill of Lading
4Z	U.S. Customs Service (USCS) Countervailing Duty Case Number
50	State Student Identification Number A student identification number assigned by the state education agency to students enrolled in state schools
51	Picture Number
52	SWIFT (MT 100)
53	SWIFT (MT 202)
54	FEDWIRE (Federal Wire Transfer)
55	Sequence Number
<i>For Defense Logistics Management System Shipment Performance Notices, use, if applicable, in 2/HL/010 shipment loops, to identify the suffix letter associated with a replacement shipment (e.g., when transmitting the letter A to indicate the first replacement shipment). Do not use for Defense Contract Management Command Shipment Notices. The replacement shipment suffix is carried in 1/BSN/020 - BSN02 for these transactions.</i>	
56	Corrected Social Security Number
57	Prior Incorrect Social Security Number
58	Corrected Batch Number
59	Prior Incorrect Batch Number
5A	Offense Tracking
5F	Warrant
5G	Complaint
5H	Incident
5I	Offender Tracking
5J	Driver's License
5K	Commercial Driver's License

5M	Previous Sequence
5N	Citation of Statute
	<i>Use to indicate the authorization under which this instrument is awarded.</i>
5O	Citation of Opinion
5P	National Criminal Information Center Originating Agency Identification
5Q	State Criminal History Repository Individual Identification
5R	Federal Bureau of Investigation Individual Identification
5S	Processing Area
	<i>Use to indicate "NON-MILSTRIP Number" or "Receiving Officer NON-MILSTAMP". When used, cite the text in REF03.</i>
60	Account Suffix Code
61	Immediate Transportation No. for in bond movement
62	Transportation Exportation No. for in Bond Movement
63	Immediate exportation No. for in bond movement
64	Transit No. for in Bond Movement
65	Total Order Cycle Number
66	Previous Policy Number
67	Previous Claim History Identifier
68	Dental Insurance Account Number
69	Dental Insurance Policy Number
6A	Consignee Reference Number
6B	U.S. Customs Service (USCS) Entry Number
6C	U.S. Customs Service (USCS) Entry Type Code
6D	U.S. Customs Service (USCS) Statement Number
6E	Map Reference
6F	Appraiser License
6G	Map Number
6H	Comparable Property Verification Source
6I	Comparable Property
6J	Census Tract
6K	Zone
70	Calendar Number
	Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group
71	(Working) Shift Number
	Identifies a working shift for a company with multiple working shifts per day
72	Schedule Reference Number
	Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks
	<i>Use with code 3H to identify the excess plant property reference number.</i>
73	Statement of Work (SOW)
	Description of a product or service to be procured under

a contract; statement of requirements

Use to indicate the Statement of Work number or number within the Statement of Work where additional information can be found.

- 74 Work Breakdown Structure (WBS)
A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program
- 75 Organization Breakdown Structure
A functionally oriented family tree that shows organization relationships and is used as the framework for assigning work responsibilities
- 76 Milestone
A specific event that can be identified as occurring at a specific time
- 77 Work Package
A detailed, short span task or material item identified by a contractor for doing the work required to complete the contract
- 78 Planning Package
A logical aggregation of work within a cost account (see code 79) that can be identified and budgeted, but not yet defined into work packages
- 79 Cost Account
A management control point for cost and schedule planning and control; it represents that work assigned to one responsible organization element and to one work breakdown structure element
- 80 Charge Number
A number used by financial systems to identify accounts for costs incurred on a contract
- 81 Symbol Number (for Milestone or LOB reports)
Symbols are used for graphical representation on Milestone schedule reports and Line of Balance reports; the various symbols indicate planned, revised, completed, and slipped events; symbols used are mutually agreed upon between supplier and customer
- 82 Data Item Description (DID) Reference
Specific data elements that the Government will ask a contractor to provide and are spelled out in specific requirement documents
- 83 Extended (or Exhibit) Line Item Number (ELIN)
Identifies specific line items to be delivered for a contract
- 84 Contractor Data Requirements List (CDRL)
Government or customer specific deliverables identified by line item; referenced on shipping details, etc.
- 85 Subcontractor Data Requirements (SDRL)
Line item deliverables that a subcontractor is responsible for
- 86 Operation Number
Identifies a specific operation number as part of the manufacturing process for a part or product

87	Functional Category An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc.
88	Work Center Identifies a specific work area in a manufacturing process
89	Assembly Number Identifies specific assemblies in the manufacturing process
8A	Health Maintenance Organization (HMO) Authorization Number
8B	Preferred Provider Organization (PPO) Authorization Number
8C	Third-party Organization (TPO) Authorization Number
8D	Chemical Abstract Service Registry Number
8E	Guarantor Loan Number
8F	School Loan Number
8G	Automated Clearinghouse (ACH) Trace Number
8H	Check List Number
8I	FEDWIRE Confirmation Number
8J	Society for Worldwide Interbank Financial Telecommunications (SWIFT) Confirmation Number
8K	Dominion of Canada Code
8L	International Standard Industry Classification Code (ISIC)
8M	Originating Company Identifier
8N	Receiving Company Identifier
8O	Automated Clearing House (ACH) Entry Description
8P	Originating Depository Financial Institution Identifier
8Q	Receiving Depository Financial Institution Identifier
8R	Security Type
8S	Broker Identification
8T	Committee for Uniform Security Identification Procedure (CUSIP)
8U	Bank Assigned Security Identifier
90	Subassembly Number Components of assemblies
91	Cost Element A subdivision of costs defined by the accounting structure and the level that costs are recorded at within a cost accounting system (examples are labor, material, other direct costs)
92	Change Document Number Reference numbers to track changes made to a contract
93	Funds Authorization Reference numbers to identify funds authorization (document or other reference number) in the Government contracting environment
94	File Identification Number

95	Committee on Uniform Securities Identification Procedures (CUSIP) Number
96	Stock Certificate Number
97	Package Number A serial number indicating unit shipped
98	Container/Packaging Specification Number A numeric or alphanumeric identification assigned to a unique packaging/container configuration
99	Rate Conference ID Code A group which publishes transportation rates for a group of transportation carriers
9A	Repriced Claim Reference Number
9B	Repriced Line Item Reference Number
9C	Adjusted Repriced Claim Reference Number
9D	Adjusted Repriced Line Item Reference Number
9E	Replacement Claim Number
9F	Referral Number
9G	Department of Defense Form 250 Requirement Code <i>Use to indicate the inspection and acceptance requirements for a data item specified on a Contract Data Requirements List.</i>
9H	Packaging Group Number
9I	Automated Clearing House (ACH) Standard Entry Class
9J	Pension Contract
A0	Advertiser Number
A1	Analysis number/Test number
A2	Disability Insurance Account Number
A3	Assignment Number
A4	Disability Insurance Policy Number
A5	Educational Institution Identification Number
A6	Employee Identification Number
A7	Flexible Spending Account (FSA) Insurance Account Number
A8	Flexible Spending Account (FSA) Insurance Policy Number
A9	Health Insurance Account Number
AA	Accounts Receivable Statement Number
AB	Acceptable Source Purchaser ID
AC	Air Cargo Transfer Manifest
AD	Acceptable Source DUNS Number
AE	Authorization for Expense (AFE) Number
AF	Airlines Flight Identification Number
AG	Agent's Shipment Number
AH	Agreement Number <i>Use to indicate a Union Agreement number.</i>
AI	Associated Invoices
AJ	Accounts Receivable Customer Account
AK	Sending Company Audit Number (Automated

	Clearinghouse Transfers)
AL	Accounting (Equipment) Location Number
AM	Adjustment Memo (Charge Back)
AN	Associated Purchase Orders
AO	Appointment Number
AP	Accounts Receivable Number
AQ	Access Code
	Identifies difficulties in accessing subassembly or part requiring repair
AR	Arrival Code
AS	Acceptable Source Supplier ID
AT	Appropriation Number
	<i>Use to cite a Navy Appropriation Number to include the Bureau Control Number (BCN) and Authorization Accounting Activity (AAA), e.g., 17X4911-14003-104.</i>
AU	Authorization to Meet Competition No.
	<i>Use to indicate the Federal Acquisition Regulation part 6 authority for using other than free and open competition.</i>
AV	Health Insurance Rating Account Number
AW	Air Waybill Number
AX	Government Accounting Class Reference Number (ACRN)
AY	Floor Plan Approval Number
	Authorization number supplied by a finance company prior to shipment of product
AZ	Health Insurance Policy Number
B1	Lessee Bill Code Number
B2	Axle Ratio
	Numerical gear ratio of an axle drivetrain
B3	Preferred Provider Organization Number
B4	Bilateral Car Service Agreements
B5	Health Insurance Rating Suffix Code
B6	Life Insurance Billing Account Number
B7	Life Insurance Policy Number
B8	Life Insurance Billing Suffix Code
B9	Retirement Plan Account Number
BA	Retirement Plan Policy Number
BB	Authorization Number
	Proves that permission was obtained to provide a service
BC	Buyer's Contract Number
BD	Bid Number
BE	Business Activity
BF	Billing Center Identification
BG	Beginning Serial Number
BH	Lease Schedule Number - Blanket
BI	Bonded Carrier Internal Revenue Service Identification Number

BJ	Carrier's Customs Bond Number
BK	Broker's Order Number
BL	Government Bill of Lading
	<i>Use to identify all Government Bill of Lading (GBL) numbers associated with the shipment cited in BSN02. Do not use for service line items when there is no shipment of material. Use as needed for bulk petroleum, to identify all Government bills of lading for a single shipment.</i>
BM	Bill of Lading Number
	<i>Use to identify a commercial bill of lading number. Do not use for service line items when there is no shipment of material.</i>
BN	Booking Number
BO	Bin Location Number
BP	Adjustment Control Number
	Identification assigned to an adjustment for future reference
BQ	Health Maintenance Organization Code Number
	A unique number assigned to each individual Health Maintenance Organization (HMO) health insurance plan (assigned by the HMO)
BR	Broker or Sales Office Number
BS	Split Booking Number
BT	Batch Number
BU	Buyer's Approval Mark
BV	Purchase Order Line Item Identifier (Buyer)
BW	Blended With Batch Number
	Number of the batch with which another batch was blended prior to delivery to customer
BX	Buyer's Shipment Mark Number
	Number identifying individual bales and total shipments of cotton which have been tested according to U.S. Government regulations
BY	Repair Category Number
	Classification number for the type of repair performed on a product
BZ	Complaint Code
	Number categorizing customer complaints
C0	Canadian Social Insurance Number
C1	Customer material specification number
C2	Customer process specification number
C3	Customer specification number
C4	Change Number
	<i>Use to indicate the number of the contract modification that put a cited value engineering change proposal into the contract.</i>
C5	Customer Tracking Number For Loaned Materials
C6	Carnet Number
C7	Contract Line Item Number

C8	Corrected Contract Number
C9	Previous Credit/Debit Adjustment Number
CA	Cost Allocation Reference
CB	Combined Shipment
CC	Contract Co-op Number
CD	Credit Note Number
CE	Class of Contract Code
CF	Fleet Reference Number
CG	Consignee's Order Number
CH	Customer catalog number
CI	Unique Consignment Identifier
CJ	Clause Number
CK	Check Number
CL	Seller's Credit Memo
CM	Credit Memo
CN	Carrier's Reference Number (PRO/Invoice)
CO	Customer Order Number
CP	Condition of Purchase Document Number
CQ	Customshouse Broker License Number
CR	Customer Reference Number
	<i>Use to indicate the internal number the contractor assigned to the buying party.</i>
CS	Condition of Sale Document Number
CT	Contract Number
CU	Clear Text Clause
CV	Coil Number
CW	Canadian Wheat Board Permit Number
CX	Consignment Classification ID
CY	Commercial Registration Number
CZ	Contract Rider Number (Used in conjunction with contract number)
D0	Data Reliability Code
D1	Drug Enforcement Administration Order Blank Number
D2	Supplier Document Identification Number
D3	National Association of Boards of Pharmacy Number
D4	Cut Number
D5	Dye Lot Number
D6	Duplicate Bill Number
	The number of the second or subsequent invoice for the same goods or services
D7	Coverage Code
	Type of protection provided by an insurance policy
D8	Loss Report Number
	Sequence number to identify a particular loss and its information. It will be assigned accross all lines of business for a particular customer
D9	Claim Number
	Sequence number to track the number of claims opened

	within a particular line of business
DA	Domicile Branch Number Home location of product
DB	Buyer's Debit Memo
DC	Dealer purchase order number
DD	Document Identification Code
DE	Depositor Number
DF	Defense Federal Acquisition Regulations (DFAR)
DG	Drawing Number
DH	Drug Enforcement Administration Number
DI	Distributor Invoice No.
DJ	Delivery Ticket Number
DK	Dock Number
DL	Debit Memo
DM	Associated Product Number
DN	Draft Number
DO	Delivery Order Number
DP	Department Number
DQ	Delivery Quote Number
DR	Dock Receipt Number
DS	Defense Priorities Allocation System (DPAS) Priority Rating <i>When used, the code cited in REF02 is a 4-position code.</i>
DT	Downstream Shipper Contract Number
DU	Dependents Information Qualifies text data that describes information about a dependent spouse or children as it pertains to the transportation of household goods
DV	Diversion Authority Number
DW	Deposit Sequence Number
DX	Department/Agency Number
DY	Department of Defense Transportation Service Code Number (Household Goods)
DZ	Certified Registered Nurse Anesthetist (CRNA) Provider Identification Number Provider number of the physician that is supervising the registered nurse anesthetist
E1	Emergency Order Number
E2	Part Causing Repair Number
E3	Expansion on Effect of Change Number Description of additional effects on test or operating procedures as a result of the change to the product
E4	Charge Card Number <i>Use to indicate the Government credit card number under which payment for this instrument will be accomplished.</i>
E5	Claimant's Claim Number Unique number assigned to the claim by the claimant
E6	Backout Procedure Code

	Description of the procedures required to remove the change to the product in case the change just made causes an unwanted result
E7	Service Bulletin Number
E8	Service Contract (Coverage) Number Number or code identifying length and terms of the coverage
E9	Attachment Code Supplementary reference information
EA	Medical Record Identification Number A unique number assigned to each patient by the provider of service (hospital) to assist in retrieval of medical records
EB	Embargo Permit Number
EC	Circular
ED	Export Declaration
EF	Electronic Funds Transfer ID Number
EG	Ending Serial Number
EH	Financial Classification Code
	<i>Use to cite the transaction type code when the Navy transaction type code (2T) or (7T) is included in the appropriation data.</i>
EI	Employer's Identification Number
EJ	Patient Account Number A unique number assigned to each patient by the provider of service to facilitate retrieval of individual case records tracking of claims submitted to a payer and posting of payment
EK	Healthcare Manpower Shortage Area (HMSA) Facility Identification Number A unique number assigned to facility located in a Health Manpower Shortage Area
EL	Electronic device pin number
EM	Electronic Payment Reference Number
EN	Embargo Number
EO	Submitter Identification Number A unique number identifying the submitter of the transaction set
EP	Export Permit Number
EQ	Equipment Number
ER	Container or Equipment Receipt Number
ES	Employer's Social Security Number
ET	Excess Transportation
EU	End User's Purchase Order Number
EV	Receiver Identification Number A unique number identifying the organization/site location designated to receive the current transmitted transaction set
	<i>Use to indicate the requiring office. i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use</i>

an abbreviation of the activity, e.g., Navy Ship's Parts Control Center will be NSPCC.

EW	Mammography Certification Number Health Care Financing Administration assigned certification number of the certified mammography screening center
EX	Estimate Number
EY	Receiver Sub-identification Number A unique code identifying the receiver's specific department or office location for internal routing of electronic claims
EZ	Electronic Data Interchange Agreement Number
F1	Version Code - National Identifies the release of a set of information or requirements to distinguish from the previous or future sets that may differ; the release in question is on the national level
F2	Version Code - Local Identifies the release of a set of information or requirements to distinguish from the previous or future sets that may differ; the release in question is on the local level
F3	Submission Number A unique number assigned to the submitted transaction set; this number is used by the payer to track every file submitted
F4	Facility Certification Number A unique number assigned to qualifying facilities to perform services
F5	Medicare Version Code Identifies the release of a set of information or requirements to distinguish from previous or future sets that may differ; the version in question is that which is being used by Medicare
F6	Health Insurance Claim (HIC) Number A unique number assigned by the Government to each person entitled to Medicare benefits
F7	New Health Insurance Claim (HIC) Number A revised Health Insurance Claim Number (HIN)
F8	Original Reference Number
F9	Freight Payor Reference Number
FA	Federal Acquisition Regulations (FAR)
FB	File Transfer Form Number
FC	Filer Code Issued by Customs
FD	Filer Code Issued by Bureau of Census
FE	Failure mechanism number
FF	Film Number Number assigned by the film distribution company
FG	Fund Identification Number
FH	Clinic Number A unique identifying the clinic location that rendered

	services
FI	File Identifier
FJ	Line Item Control Number
	A unique number assigned to each charge line used for tracking purposes
	<i>Use with code 3H to identify the excess plant property reference number.</i>
FK	Finish Lot Number
FL	Fine Line Classification
	Fine Line Classifications are used to group related items so that retail stores can perform analyses of sales and shelf space allocation by groups of products
FM	Federal Maritime Commission (FMC) Forwarders Number
FN	Forwarder's/Agent's Reference Number
FO	Drug Formulary Number
FP	Forestry Permit Number
FQ	Form Number
FR	Freight Bill Number
FS	Final Sequence Number
	<i>Use for final shipment indicator (Z) on Defense Logistics Management System (DLMS) Shipment Performance Notices (SPNs). Do not use on underrun quantity deliveries when a final line item shipment is replaced. Do not use for Defense Contract Management Command Shipment Notices. The final shipment suffix is carried in 1/BSN/020 - BSN02 for these transactions.</i>
FT	Foreign Trade Zone
FU	Fund Code
	Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
FV	Health Maintenance Organization (HMO) Reference Number
	A unique number assigned to each referral or authorization when a claimant visits a provider other than the primary care provider
FW	State License Identification Number
	A unique number assigned to each provider of service; this number is assigned by state Governments and is the provider's legal identification number in the state that is assigned
FX	Failure Analysis Report Number
FY	Claim Office Number
	The identification of the specific payer's location designated as responsible for the submitted claim
FZ	Processor's Invoice Number
	The invoice number of the third-party outside processor
G1	Prior Authorization Number
	An authorization number acquired prior to the submission of a claim
G2	Provider Commercial Number

	A unique number assigned to a provider by a commercial insurer
G3	Predetermination of Benefits Identification Number
	A number assigned by a third-party payer identifying the pre-treatment estimate
G4	Peer Review Organization (PRO) Approval Number
	An authorization number for certain surgical procedures and for an assistant at cataract surgery
G5	Provider Site Number
	A unique code identifying the provider's specific department or office location for internal routing of electronic claims
G6	Payer Assigned Resubmission Reference Number
G7	Resubmission Reason Code
	A code identifying the reason that the claim was resubmitted
G8	Resubmission Number
G9	Secondary Employee Identification Number
GA	Government Advance Progress
GB	Grain Block Number
GC	Government Contract Number
GD	Return Goods Bill of Lading Number
	Bill of lading number for returned goods enroute
GE	Geographic Number
GF	Specialty License Number
	A unique number assigned to each provider of service by specialty
GG	Gauge Ticket Number
GH	Identification Card Serial Number
GI	Secondary Provider Number
GJ	Cornbore Certification Number
	Certificate stating that shipment is free of cornbores
GK	Third Party Reference Number
	A unique number assigned to a claim after it has been entered into the third party payer's adjudication system; this number is used by the payer to track claims internally
GL	Geographic Destination Zone Number
GM	Loan Acquisition Number
	Number assigned to a loan during the acquisition process
GN	Folder Number
	Number used to identify the folder in which the loan is located
GO	Exhibit Identifier
GP	Government Priority Number
GQ	Internal Purchase Order Release Number
	The release number associated with the internal purchase order number
GR	Grain Order Reference Number

GS	General Services Administration Regulations (GSAR)
GT	Goods and Service Tax Registration Number
GU	Internal Purchase Order Item Number The item number associated with the internal purchase order
GV	Third Party Purchase Order Number The purchase order number from a manufacturer to a third-party which provides value added to the manufactured product
GW	Third Party Purchase Order Release Number The release number associated with a third-party purchase order number
GX	Third Party Purchase Order Item Number The item number associated with the third-party purchase order number
GY	Empty Repositioning Number Number used to authorize and track an empty container or bare chassis or generator set being repositioned for later use
H1	High Fabrication Authorization Number The purchaser's program number that authorizes the highest amount of material production
H2	High Raw Material Authorization Number The purchaser's program number that authorizes the highest amount of raw material or purchased components in their original state to be secured for production
H3	Gravity Source Meter Number
H4	Federal Information Resources Management Regulation
H5	Special Clause
H6	Quality Clause
H7	Standard Clause
H9	Payment History Reference Number
HB	Bill & Hold Invoice No.
HC	Heat Code
HD	Department of Transportation Hazardous Number
HE	Hazardous Exemption Number
HI	Health Industry Identification Number
HN	Hazardous Certification Number
HO	Shipper's Hazardous Number
HP	Pack & Hold Invoice No.
HR	Horsepower Horsepower rating of the engine
HS	Harmonized Code System (Canada)
HW	High/Wide File Number
I1	Owning Bureau Identification Number
I2	Interstate Commerce Commission (ICC) Account Number A code which is mandatory on Joint Facility Billing that indicates that the following is an ICC Account Number

I3	Non-American Identification Number
I4	Credit Counseling Identification Number
I5	Invoice Identification
I7	Credit Report Number
I8	Social Insurance Number Canadian Social Insurance Number
IA	Internal Vendor Number
IB	In Bond Number
IC	Inbound-to Party
ID	Insurance Certificate Number
IE	Interchange Agreement Number Number identifying the interchange agreement of a domestic carrier with an ocean carrier
IF	Issue Number
IG	Insurance Policy Number
IH	Initial Dealer Claim Number Claim number of previously attempted repair
II	Initial Sample Inspection Report Number
IJ	Standard Industry Classification (SIC) Code <i>Use to indicate the Standard Industrial Classification (SIC) Code applicable to the award instrument.</i>
IK	Invoice Number Manufacturer's invoice number for vehicle/component
IL	Internal Order Number
IM	Intergovernmental Maritime Organization (IMO) Number
IN	Consignee's Invoice Number
IO	Inbound-to or Outbound-from Party
IP	Inspection Report Number
IQ	End Item <i>Use to indicate the end item to which the items in the shipment notice pertain.</i>
IR	Intra Plant Routing
IS	Invoice Number Suffix
IT	Internal Customer Number
IU	Barge Permit Number Identification of permit for rail traffic moving on a barge
IV	Seller's Invoice Number
IW	Part Interchangeability Specifies the interchange relationship between an old part number and a new part number (replaced and replacing part numbers)
IX	Item Number <i>Use to indicate a Federal Supply Schedule (FSS) special item number.</i>
IZ	Insured Parcel Post Number Number assigned to control an insured parcel post shipment from shipper to consignee

J0	Proceeding
J1	Creditor
J2	Attorney
J3	Judge
J4	Trustee
J5	Originating Case
J6	Adversary Case
J7	Lead Case
J8	Jointly Administered Case
J9	Substantively Consolidated Case
JA	Beginning Job Sequence Number
JB	Job (Project) Number
JC	Review
JD	User Identification
JE	Ending Job Sequence Number
JH	Tag
JL	Packet
JS	Job Sequence Number
JY	Origin of Shipment Harmonized-Based Code
	Harmonized code of the commodity in the country which is the origin of the shipment
K0	Approval Code
	<i>Use to indicate the approval code on a Contract Data Requirements List.</i>
K1	Foreign Military Sales Notice Number
	Number assigned to control a foreign military sales shipment from shipper to consignee
K2	Certified Mail Number
	Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery
K3	Registered Mail Number
	Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery
K4	Criticality Designator
	A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions
	<i>Use to indicate the surveillance criticality designator applicable to the award instrument.</i>
K5	Task Order
K6	Purchase Description
K7	Paragraph Number
K8	Project Paragraph Number
	A number for a nested part of a project
KA	Distribution List
	Qualifies a list of addresses to which the distribution of

	something should be made
KB	Beginning Kanban Serial Number
KC	Exhibit Distribution List
	Qualifies a list of addressees to which the distribution of a cited contract exhibit must be made
KD	Special Instructions Number
KE	Ending Kanban Serial Number
KF	Pre-award Survey
KG	Foreclosing Status
KH	Type of Law Suit
KI	Type of Outstanding Judgement
KJ	Tax Lien Jurisdiction
KK	Delivery Reference
KL	Contract Reference
	<i>For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item, e.g., Statement of Work paragraph.</i>
KM	Rental Account Number
KN	Census Automated Files ID
	An ID given by the U.S. Bureau of the Census to those parties having fulfilled the necessary requirements to be able to file shipper's export declaration data directly with the Census through automated means
KO	Customs Drawback Entry Number
	A number given to importers by U.S. Customs which have filed for "drawbacks," of certain import duties
KP	Health Certificate Number
	A certificate given by the veterinary authorities regarding the health of animals being shipped
KQ	Procuring Agency
KR	Response to a Request for Quotation Reference
	A discrete number assigned for identification purpose to a response to a request for quotation
KS	Solicitation
	A discreet number assigned by the purchasing activity to differentiate between different solicitations
	<i>Use to indicate the solicitation number that resulted in this Award Instrument. If applicable, concatenate the LAST amendment number with the solicitation number.</i>
KT	Request for Quotation Reference
	A discrete number assigned for identification purposes to a request for quotation
KU	Office Symbol
	A number assigned for reference to a specific office within an organization
KV	Distribution Statement Code
	<i>Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.</i>

KW	<p>Certification</p> <p>A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor</p> <p><i>Use to indicate a certification statement, as applicable. When used, cite the text of the certification in REF03.</i></p>
KX	<p>Representation</p> <p>A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor</p>
KY	<p>Site Specific Procedures, Terms, and Conditions</p> <p>A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents</p>
KZ	<p>Master Solicitation Procedures, Terms, and Conditions</p> <p>A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents</p>
L1	Letters or Notes
L2	Location on Product Code
L3	<p>Labor Operation Number</p> <p>Uniquely identifies the repair actions performed</p>
L4	<p>Proposal Paragraph Number</p> <p>The place in a proposal where additional information can be found</p>
L5	<p>Subexhibit Line Item Number</p> <p>A further subdivision of a contract exhibit line item</p>
L6	<p>Subcontract Line Item Number</p> <p>A further subdivision of a contract line item number</p>
LA	Shipping Label Serial Number
LB	Lockbox
LC	Lease Number
LD	Loan Number
LE	Lender Entity Number
LF	Assembly Line Feed Location
LG	Lease Schedule Number
LH	Longitude Expressed in Seconds
LI	Line Item Identifier (Seller's)
LJ	Local Jurisdiction
LK	Longitude expressed in Degrees, Minutes and Seconds
LL	Latitude Expressed in Seconds
LM	Product Period for which Labor Costs are Firm
LN	Non pickup Limited Tariff Number

LO	Load Planning Number
LP	For Pickup Limited Freight Tariff Number
LQ	Latitude Expressed in Degrees, Minutes and Seconds
LR	Local Student Identification Number A student identification number assigned by a local school or school district
LS	Bar-Coded Serial Number
LT	Lot Number
LU	Location Number
LV	License Plate Number
LW	Location Within Equipment
LX	Qualified Products List
LY	Destination of Shipment Harmonized-Based Code Harmonized code of the commodity in the country which is the shipping destination
LZ	Lender Account Number
M1	Material Storage Location
M2	Major Force Program Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
M3	Crop Year
M4	Lease Agreement Number - Master
M5	Lease Agreement Amendment Number - Master
M6	Military Ordnance Security Risk Number A number that identifies the security risk of transporting arms and ammunition
M7	Medical Assistance Category
M8	Limited Partnership Identification Number
M9	Tax Shelter Number
MA	Ship Notice/Manifest Number
MB	Master Bill of Lading
MC	Microfilm Number
MD	Magazine Code
ME	Message Address or ID
MF	Manufacturers Part Number
MG	Meter Number
MH	Manufacturing Order Number
MI	Mill Order Number
MJ	Model Number
MK	Manifest Key Number
ML	Military Rank/Civilian Pay Grade Number
MM	Master Lease Agreement Number
MN	MICR Number
MO	Manufacturing Operation Number
MP	Multiple P.O.s of an Invoice
MQ	Meter Proving Report Number
MR	Merchandise Type Code
MS	Manufacturer's Material Safety Data Sheet Number

MT	Meter Ticket Number
MU	Military Specification (MILSPEC) Number
MV	Migrant Number, This number is assigned by the national Migrant Records Transfer System
MW	Military Call Number Assigned by the military to identify a billing period
MX	Material Change Notice Number
MY	Model year number
MZ	Maintenance Request Number
N0	Nomination Number Shipper-assigned bulk product number identifying a request for pipeline transportation services which is used to relate an into-plane delivery to the bulk fuel movement from which it was derived
N1	Local School Course Number
N2	Local School District Course Number
N3	Statewide Course Number A course number assigned by the state education agency to courses taught in public schools
N4	United States Department of Education, National Center for Education Statistics (NCES) Course Number A proposed course number to be assigned by NCES to identify a common grouping of subject area content and sequence
N5	Provider Plan Network Identification Number A number assigned to identify a specific provider in a health care plan network
N6	Plan Network Identification Number A number assigned to identify a specific health care network that provides health care services to insured members
N7	Facility Network Identification Number A number assigned to identify a specific facility in a health care plan network
N8	Secondary Health Insurance Identification Number
N9	Data Authentication Number
NA	North American Hazardous Classification Number
NB	Letter of Credit Number
NC	Secondary Coverage Company Number
ND	Letter of Credit Draft Number
NE	Lease Rider Number Qualifies a code that identifies the authorizing documentation for a household goods shipment
NF	National Association of Insurance Commissioners (NAIC) Code A unique number assigned to each insurance company
NG	Natural Gas Policy Act Category Code
NH	Rate Card Number
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number

NL	Technical Order Number
NM	Discounter Registration Number
NN	Nonconformance Report Number
NO	No OT5 Authority-zero Mileage Rate
NP	Partial Payment Number
NR	Progress Payment Number
NS	National Stock Number
NX	Related Nonconformance Number
NY	Agent Claim Number
NZ	Critical Application
O1	Outer Continental Shelf Area Code The designated code assigned to Outer Continental Shelf (OCS) geographical units for identification purposes
O2	Outer Continental Shelf Block Number The number corresponding to a U.S. offshore block
O5	OT5 Authority-Condition or Restriction on Car Hire Rate
O7	On-line Procurement and Accounting Control (OPAC) Transaction
O8	Original Filing
O9	Continuation Filing
OA	Outlet Number
OB	Ocean Bill of Lading
OC	Ocean Container Number
OD	Original Return Request Reference Number A sequential number assigned by the originator of the original return request
OE	Open and Prepaid Station List Number
OF	Operator Identification Number
OG	Termination Filing
OI	Original Invoice Number
OJ	Amendment Filing
OL	Original Shipper's Bill of Lading Number Number on the Original Bill of Lading assigned by the shipper
OM	Ocean Manifest
ON	Dealer Order Number
OP	Original Purchase Order
OQ	Order Number Qualifies a code that identifies the authorizing documentation for a household goods
OR	Order/Paragraph Number
OS	Outbound-from Party
OT	Sales Allowance Number
OW	Service Order Number Number assigned when a customer orders service and equipment and which appears on bill
OZ	Product Number

P1	Previous Contract Number
P2	Previous Drug Enforcement Administration Number
P3	Previous customer reference number
	<i>Use to indicate a prior shipment number.</i>
P4	Project Code
	<i>Use when the contract or shipping instructions contain a three-character project code. Use to indicate the project number applicable to the award instrument. Use only when there is no occurrence of 2/N1/220 - N101 = Z7.</i>
P5	Position Code
P6	Pipeline Number
P7	Product Line Number
P8	Pickup Reference Number
P9	Page Number
PA	Price Area Number
PB	Payer's Financial Institution Account Number for Check, Draft, or Wire Payments; Originating Company Account Number for ACH Transfers
PC	Production Code
PD	Promotion/Deal Number
PE	Plant Number
PF	Prime Contractor Contract Number
PG	Product Group
PH	Priority Rating
	<i>Use to indicate the MILSTRIP/FEDSTRIP priority rating.</i>
PI	Price List Change or Issue Number
PJ	Packer Number
PK	Packing List Number
PL	Price List Number
PM	Part Number
PN	Permit Number
PO	Purchase Order Number
PP	Purchase Order Revision Number
PQ	Payee Identification
PR	Price Quote Number
	<i>Use to indicate the contractor's bid, quote, proposal or proposal number.</i>
PS	Purchase Order Number Suffix
PT	Purchase Option Agreement
PU	Previous Bill of Lading Number
PV	Product change information number
PW	Prior purchase order number
PX	Previous Invoice Number
PY	Payee's Financial Institution Account Number for Check, Draft or Wire Payments; Receiving Company Account Number for ACH Transfer
PZ	Product Change Notice Number

Q1	Quote Number
Q2	Starting Package Number The beginning package number in a shipment or container of numbered packages
Q3	Ending Package Number The ending package number in a shipment or container of numbered packages
Q4	Prior Identifier Number
Q5	Property Control Number
Q6	Recall Number
Q7	Receiver Claim Number
Q8	Registration Number Code describing which type of registration is being submitted
Q9	Repair Order Number Repairing outlet's unique order number
QA	Press Identifier
QB	Press Form Identifier
QC	Product Specification Document Number Model designation of replacement component
QD	Replacement Drug Enforcement Administration Number
QE	Replacement Customer Reference Number
QF	Quality Disposition Area Identifier
QG	Replacement Assembly Model Number
QH	Replacement Assembly Serial Number Serial number of replacement component
QI	Quality Inspection Area Identifier <i>Use when describing "Acceptance and Payment Contingent upon receipt of approval test/eval. Results." When used, cite the text in REF03.</i>
QJ	Return Material Authorization Number
QK	Sales Program Number Identifies specific sales program/promotion
QL	Service Authorization Number Identifies pre-authorized submittal or payment of a claim
QM	Quality Review Material Crib Identifier
QN	Stop Sequence Number
QO	Service Estimate Number Code that identifies special handling requirements
QP	Substitute Part Number
QQ	Unit Number
QR	Quality Report Number
QS	Warranty Coverage Code Number of code identifying length and terms of the coverage
QT	Warranty Registration Number
QU	Change Verification Procedure Code

	Description of procedures required to verify that the change made to the product accomplishes the desired effect
QV	Major System Affected Code
QW	New Part Number
QX	Old Part Number
QY	Service Performed Code
	Number indicating the type of service performed to repair a product
QZ	Reference Drawing Number
R1	Current Revision Number
R2	Canceled Revision Number
R3	Correction Number
R4	Tariff Section Number
R5	Tariff Page Number
R6	Tariff Rule Number
R7	Accounts Receivable Open Item
R8	Rental Agreement Number
R9	Rejection Number
RA	Repetitive Cargo Shipment Number
RB	Rate code number
RC	Rail Routing Code
RD	Reel Number
RE	Release Number
	<i>Use to indicate alternate release procedures are used.</i>
RF	Export Reference Number
RG	Route Order Number-Domestic
RH	Route Order Number-Export
RI	Release invoice number for prior bill and hold
RJ	Route Order Number-Emergency
RK	Rack Type Number
RL	Reserve Assembly Line Feed Location
RM	Raw material supplier Dun & Bradstreet number
RN	Run Number
RO	Repetitive Booking Number
RP	Repetitive Pattern Code
RQ	Purchase Requisition No.
	<i>Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). When citing a Purchase Request number, concatenate its line item number with the PR/PRON number if it is necessary to transmit both numbers.</i>
RR	Payer's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Originating Depository Financial Institution Routing Number for ACH Transfers
RS	Returnable Container Serial Number
	<i>Use to indicate the serial number of returnable containers or shipping containers.</i>

RT	Payee's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Receiving Depository Financial Institution Transit Routing Number for ACH Transfers
RU	Route Number
RV	Receiving Number
RW	Repetitive Waybill Code (Origin Carrier, Standard Point Location Code, Repetitive Waybill Code Number)
RX	Resubmit number
RY	Rebate Number
RZ	Returned Goods Authorization Number
S0	Special Approval
S1	Engineering Specification Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number
	<i>Use to indicate a specification number other than a Military Specification (MILSPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i>
S4	Shippers Bond Number
	Number differentiating between shipper's bond movements by intermodal shippers and ocean carriers and in-bond movements which default to the carrier's bond
S5	Routing Instruction Number
	Directions for Claim Routing
S6	Stock Number
S7	Stack Train Identification
S8	Seal Off Number
S9	Seal On Number
SA	Salesperson
SB	Sales Region Number
SC	Shipper Car Order Number
SD	Subday Number
	A sequential number denoting the order of meter readings taken during a single day, assigned by the party responsible for the measurement of gas at the meter
SE	Serial Number
SF	Ship From
SG	Savings
SH	Sender Defined Clause
SI	Shipper's Identifying Number for Shipment (SID)
	A unique number (to the shipper) assigned by the shipper to identify the shipment
	<i>Must use by Defense Contract Management Command (DCMC) to identify the shipment number in supply and service.</i>
SJ	Set Number
SK	Service Change Number

SL	Sales/Territory Code
SM	Sales Office Number
SN	Seal Number
SO	Shipper's Order (Invoice Number)
SP	Scan Line
SQ	Container Sequence Number
SR	Sales Responsibility
SS	Split Shipment Number
ST	Store Number
SU	Special Processing Code
	Unique code identifying the special handling requirements for the claim
SV	Service Charge Number
SW	Seller's Sale Number
SX	Service Interrupt Tracking Number
SY	Social Security Number
SZ	Specification Revision
T0	Dealer Type Identification
T4	Signal Code
	Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
T5	Trailer Use Agreements
T6	Tax Filing
T7	Affected Subsystem Code
T8	Description of Change Code
T9	Documentation Affected Number
TA	Telecommunication Circuit Supplemental ID
TB	Trucker's Bill of Lading
TC	Vendor Terms
TD	Reason for Change
TE	Federal Maritime Commission (FMC) Tariff Number
TF	Transfer Number
TG	Transportation Control Number (TCN)
	<i>Use to identify the Transportation Control Number (TCN). Do not use for service line items when there is no shipment of material.</i>
TH	Transportation Account Code (TAC)
TI	TIR Number
TJ	Federal Taxpayer's Identification Number
TK	Tank Number
TL	Tax License Exemption
TM	Travel Manifest (ACI or OTR)
TN	Transaction Reference Number
	<i>Use to indicate the transaction number (i.e., the requisition number).</i>
TO	Terminal Operator Number
TP	Test Specification Number
TQ	Tracer Action Request Number

TR	Government Transportation Request
TS	Tariff Number
TT	Terminal Code
	A code assigned by a transportation carrier that identifies a freight terminal
TU	Trial Location Code
	To identify one of a group of possible sites within a system or set of systems where an engineering change is to modelled and tested before proceeding to install the change on all possible sites; the change may have been specified by a service bulletin
TV	Line of Business
	Indicates the nature of policy coverage; examples of line of business include fire, homeowners, flood and earthquake
TW	Tax Worksheet
TX	Tax Exempt Number
TY	Policy Type
	The type of policy being billed; examples of policy type include Package Policy and Forced Placed
TZ	Total Cycle Number
	A complete set of events occurring in the same sequence
U0	Consolidator's Receipt Number
U1	Regional Account Number
	A number provided by the customer that is used to identify the customer across states or regional areas
U2	Term
	Indicates the college or university period for which permission is requested
U3	Unique Supplier Identification Number (USIN)
U4	Unpaid Installment Reference Number
U7	Prior Mortgagee Account Number
U8	Mortgage Backed Security (MBS) Loan Number
U9	Mortgage Backed Security (MBS) Pool Number
UA	Mortgage Number
	The number that identifies the type of mortgage loan
UB	Unacceptable Source Purchaser ID
UC	Mortgage Insurance Indicator Number
	Specifies the type of insurance coverage for the mortgage loan
UD	Unacceptable Source DUNS Number
UE	Secondary Coverage Certificate Number
UF	Mortgage Insurance Company Number
UG	U.S. Government Transportation Control Number
UH	Removal Number
	Identifies the reason a mortgage is removed from default status reporting
UM	Quarter Quarter Section Number
	An identifier of 1/16 portion of a section
UN	United Nations Hazardous Classification Number

UO	Quarter Quarter Spot Number An identifier of 1/64 portion of a section
UP	Upstream Shipper Contract Number
UQ	Section Number The number corresponding to a section within a township and range
UR	Unit Relief Number A supplemental contract number applying to per diem relief on equipment
US	Unacceptable Source Supplier ID
UT	Unit Train
UU	Township Number
UV	Range Number An identifier corresponding to a range within a township
UY	Federal National Mortgage Association (Fannie Mae) Loan Number
V0	Version
V1	Volume Purchase Agreement Number
V3	Voyage Number
V8	Institution Number
V9	Subservicer
VA	Vessel Agent Number
VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
VC	Vendor Contract Number
VD	Volume Number
VE	Vendor Abbreviation Code
VF	Vendor Change Identification Code Vendor's product change notice number
VG	Vendor Change Procedure Code Vendor's name and document number for the affected change procedure
VI	Pool Number
VJ	Investor Note Holder Identification
VK	Institution Note Holder Identification
VL	Third Party Note Holder Identification
VN	Vendor Order Number
VO	Institution Loan Number
VP	Vendor Product Number A unique number assigned by a vendor or manufacturer to identify its products
VQ	Related Contract Line Item Number
VR	Vendor ID Number
VS	Vendor Order Number Suffix
VT	Motor Vehicle ID Number
VU	Preparer's Verification Number
VV	Voucher

Use with code 3H to identify the voucher number.

VW	Standard <i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, identify the standard in REF03.</i>
VX	Value-Added Tax Registration Number (Europe)
VZ	Sponsor's Reference Number A unique number that references a reported test to a particular sponsor
W1	Defense Turn-In Document Number Identifies material submitted for reutilization and marketing
W2	Weapon System Number Identifies a weapon system <i>Use to indicate the Weapon System Code.</i>
W3	Manufacturing Directive Number Identifies the Management Control Activity and contract associated with Government furnished material transactions
W4	Procurement Request Number Identifies a transaction resulting in a contract established to provide material
W5	Inspector Identification Number Identifies the manufacturer's material inspector
W6	Federal Supply Schedule Number Identifies an item with a two-digit group number, two-digit part number, and one-character section letter
W7	Commercial and Government Entity (CAGE) Code Code that identifies a commercial contractor authorized to do business with the U.S. Government
W8	Suffix Differentiates between partial actions taken on the original transaction <i>Use, if applicable, to cite a suffix associated with a cited requisition (document) number.</i>
W9	Special Packaging Instruction Number Number assigned to distinguish between special packaging instruction specifications
WC	Contract Option Number The number of contract option years remaining on the current contract
WD	Review Period Number An indicator representing the period of time before which an action will occur
WE	Well Classification Code
WF	Locally Assigned Control Number
WG	Vendor's Previous Job Number
WI	Waiver
WJ	Pre-Award Survey
WK	Type of Science Code
WL	Federal Supply Classification Code
WM	Weight Agreement Number

WN	Well Number
WO	Work Order Number
	Number assigned for work including material and labor beyond normal work required to fulfill a service order
WP	Warehouse Pick Ticket Number
WR	Warehouse Receipt Number
WS	Warehouse storage location number
WU	Vessel
WY	Waybill Number
	<i>Use to indicate the Waybill number for rail shipments of coal.</i>
X0	Debtor's Account
X1	Provider Claim Number
X2	Specification Class Number
X3	Defect Code Number
X4	Clinical Laboratory Improvement Amendment Number
X5	State Industrial Accident Provider Number
X6	Original Voucher Number
X7	Batch Sequence Number
X8	Secondary Suffix Code Indicator
	Secondary indicator to differentiate between partial actions taken on the original transaction, e.g., identify a parent-child relationship
X9	Internal Control Number
	Number assigned by the managing office to provide internal processing information
XA	Substitute National Stock Number
	A national stock number that can take the place of another
XB	Substitute Manufacturer's Part Number
	A manufacturer's part number that can take the place of another
XC	Cargo Control Number
	<i>Use for bulk petroleum shipments to identify the cargo number assigned to a tanker shipment and for coal shipments to identify the load tracking number that can be identified to the shipment number.</i>
XD	Subsistence Identification Number
	Item identifier is a brand-name resale subsistence item
XE	Transportation Priority Number
	Number indicating the level of Government priority associated with the transportation of a shipment
XF	Government Bill of Lading Office Code
XG	Airline Ticket Number
XH	Contract Auditor ID Number
XI	Federal Home Loan Mortgage Corporation Loan Number
	Assigned by the Federal Home Loan Mortgage Corporation (FHLMC) to each FHLMC loan
XJ	Federal Home Loan Mortgage Corporation Default/Foreclosure Specialist Number

	Assigned by the Federal Home Loan Mortgage Corporation (FHLMC) to a FHLMC agent processing the default and foreclosure reports
XK	Mortgagee Loan Number
XL	Insured's Loan Number
XM	Issuer Number
	Assigned by the Government National Mortgage Association (GNMA) to a mortgagee that is issued a mortgage loan
XN	Title XIX Identifier Number
	Identifies the state in which the individual is eligible for Medicaid.
XP	Previous Cargo Control Number
XR	Railroad Commission Record Number
XS	Gas Analysis Source Meter Number
XT	Toxicology ID
XX	Rating Period
Y0	Debtor
Y1	Claim Administrator Claim Number
Y2	Third-Party Administrator Claim Number
Y3	Contract Holder Claim Number
Y4	Agency Claim Number
Y5	Delivery Trailer Manifest
	Unique identification number assigned by the delivery carrier or an agent for that carrier
Y9	Current Certificate Number
YA	Prior Certificate Number
YB	Revision Number
YC	Tract
YD	Buyer Identification
YE	Railroad Commission Oil Number
YF	Lessee Identification
YG	Operator Identification
YH	Operator Assigned Unit Number
YI	Refiner Identification
YJ	Revenue Source
YK	Rent Payor Identification
YL	Allowance Recipient Identification
YM	Resource Screening Reference
YO	Formation
YP	Selling Arrangement
YQ	Minimum Royalty Payor Identification
YR	Operator Lease Number
YS	Yard Position
	Location where equipment has been placed in a yard, parking lot, etc.; may be stall number, row/slot, etc.; defined by sender
YT	Reporter Identification
YU	Payor Identification

YV	Participating Area
Z1	Safety of Ship Certificate Number of a document guaranteeing the safety of a ship
Z2	Safety of Radio Certificate Number of a document guaranteeing the safety of radio equipment on board a vessel
Z3	Safety Equipment Certificate Number of a document specifying and guaranteeing the safety equipment on board a vessel
Z4	Civil Liabilities of Oil Certificate Number of a document certifying the civil liabilities of oil on board a vessel
Z5	Load Line Certificate Number of a document specifying the depth to which a vessel should sink when properly loaded
Z6	Derat Certificate Number of a document guaranteeing that a vessel has been freed of rats
Z7	Maritime Declaration of Health Number of a document declaring the health conditions of a ship
Z8	Federal Housing Administration Case Number The unique loan number assigned by the Federal Housing Administration (FHA) to each FHA loan
Z9	Veterans Affairs Case Number The unique loan number assigned by the Veterans Affairs (VA) to each VA loan
ZA	Supplier
ZB	Ultimate Consignee
ZC	Connecting Carrier
ZE	Coal Authority Number <i>Use for coal shipments to indicate the coal size. Use REF02 to indicate the size No. and REF03 to indicate the noun of the size; Size No. 1 - Foundry, No. 2 - Egg, No. 3 - Stove, No. 4 - Nut.</i>
ZF	Contractor Establishment Code (CEC) Government identifier to designate a contractor; it is nine characters, eight numeric and a final alpha
ZG	Sales Representative Order Number
ZH	Carrier Assigned Reference Number
ZI	Reference Version Number
ZJ	Universal Railroad Revenue Waybill Identified Number (URRWIN)
ZK	Duplicate Waybill in Route
ZL	Duplicate Waybill Not in Route
ZM	Manufacturer Number Number that identifies a manufacturer, typically a Commercial and Government Entity (CAGE) code, and contributes to the uniqueness of a product identification
ZN	Agency Case Number
ZO	Makegood Commercial Line Number

ZP	Spouse Tie
	A reference number used to relate the assets and or liabilities of two married residential loan applicants to each other
ZQ	Non-Spouse Tie
	A reference number used to relate the assets and or liabilities of two unmarried residential loan applicants to each other
ZR	Supplier (Replacement)
	Number that identifies a replacement supplier typically a Commercial and Government Entity (CAGE) code, and contributes to the uniqueness of a product identification from a replacement supply source
ZS	Software Application Number
ZZ	Mutually Defined

Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02 127 Reference Number X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Use of this data element is required when used by Defense Contract Management Command to generate a Shipment Performance Notice.

REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their content

Use to carry additional information related to a reference number cited in REF02. Use of Free-form text is discouraged if the information can be provided by some other means within the transaction set.

Segment: **CLD** Load Detail
Position: 170
Loop: CLD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the number of material loads shipped
Syntax Notes:
Semantic Notes: 1 CLD05, "Unit of Measure Code," is used to dimension the value given in CLD04, "Size."
Comments: 1 The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.
Notes: *Use the 2/CLD/170 loop in 2/HL/010 line item loops to relate the quantity of the item shipped to one or more requisition numbers.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CLD01	622	Number of Loads Number of customer-defined loads shipped by the supplier	M N0 1/5
<i>1. Use the actual number or use the number 1 to satisfy X12 syntax.</i> <i>2. When BSN05 is code 0001 and HL03 is code O (Order loop), cite the actual number of loads.</i>				
Must Use	CLD02	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M R 1/10
<i>1. Indicate the quantity of the item shipped for the requisition number cited in the REF segment.</i> <i>2. When BSN05 is code 0001, cite the number 1 to satisfy X12 syntax.</i>				
Not Used	CLD03	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	O AN 3/5
Not Used	CLD04	357	Size Size of supplier units in pack	O R 1/8
	CLD05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
<i>Use any code, other than code ZZ, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment.</i> Refer to 003050 Data Element Dictionary for acceptable code values.				

Segment: REF Reference Numbers
Position: 180
Loop: CLD Optional
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

Use to relate the applicable requisition or Transportation Control Number for a quantity of an item shipped. Use multiple times if more than one requisition or Transportation Control Number applies to a single Contract Line Item Number and when the quantity cited in 2/CLD02/170 cannot be further broken down.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			TG Transportation Control Number (TCN) <i>Use to accommodate multiple Transportation Control Numbers (TCNs) per line item.</i>	
			TN Transaction Reference Number <i>Use to indicate the transaction number (i.e., the requisition number).</i>	
			W8 Suffix Differentiates between partial actions taken on the original transaction <i>Use, if applicable, to cite a suffix associated with a cited requisition (document) number.</i>	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment:	MAN Marks and Numbers
Position:	190
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	<i>Use as applicable to enter special markings.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 1/2
Must Use	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45

Segment: DTM Date/Time Reference
Position: 200
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Use in the 2/HL/010 shipment loop to identify the actual/estimated date of material shipment or service performance when the same date applies to all line items cited in 2/HL/010 line item loops.

Data Element Summary

Ref.	Data			
Des.	Element	Name	Attributes	
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			<i>Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.</i>	
		011	Shipped	
			<i>Use to indicate that a supply activity has shipped (i.e., the date a shipment was released to a carrier). Also use to indicate the date of a prior shipment when the current shipment consists of items which were short shipped on the prior shipment.</i>	
		017	Estimated Delivery	
		112	Buyers Dock	
			<i>Use to indicate the date and time the vessel moored alongside,</i>	
		139	Estimated	
			<i>Use to indicate the estimated date when a supply will be shipped, (i.e., the estimated date a shipment will be released to a carrier).</i>	
		150	Service Period Start	
			<i>Use to indicate the date and time commenced loading discharge.</i>	
		151	Service Period End	
			<i>Use to indicate the date and time finished loading discharging.</i>	
		152	Effective Date of Change	
			Date on which the change went into effect	
			<i>Use for date of modification.</i>	
		168	Release	
			<i>Use to indicate the date and time the vessel was released by the inspector.</i>	
		183	Connection	
			<i>Use to indicate the date and time that the cargo hoses were connected.</i>	
		196	Start	

	<i>Use to indicate the date and time the vessel started ballast discharge.</i>
197	End
	<i>Use to indicate the date and time the vessel finished ballast discharge.</i>
198	Completion
	Date when the activity was completed
	<i>Use to identify the date the service was performed.</i>
242	Actual Start
	The actual start date for a task or activity
	<i>Use to indicate the date and time bunkering commenced.</i>
243	Actual Complete
	The actual complete date for a task or activity
	<i>Use to indicate the date and time bunkering finished.</i>
245	Estimated Completion
	The revised plan or estimate of the complete date for a task or activity
	<i>Use to identify the estimated date that a service will be completed or performed.</i>
282	Previous Report
	The date a previous report was submitted
	<i>Use to indicate the date of a previous shipment.</i>
296	Return to Work
	<i>Use to indicate the date and time resumed loading discharging.</i>
369	Estimated Departure Date
	<i>Use to indicate the estimated date and time the vessel actually left the berth.</i>
370	Actual Departure Date
	<i>Use to indicate the date and time the vessel actually left the berth.</i>
372	Actual Arrival Date
	<i>Use to indicate the date and time the vessel arrived in the roads.</i>
375	Delivery Start
	The date that deliveries will begin
	<i>Use to identify the date bulk petroleum was either loaded on a tanker or barge or the date that pipeline pumping commenced. Use only with Free on Board origin shipments. Use only when there has been one iteration of the DTM segment citing code 011.</i>
376	Delivery End
	The date that deliveries will end
	<i>Use to indicate the date and time stopped loading discharging.</i>
433	Removed
	<i>Use to indicate the date and time cargo hoses were removed.</i>
458	Certification
	Date of a document attesting to a fact

Use to indicate the date certification was made in conjunction with the cited shipment. For example certification of test results.

515 Notified

Use to indicate the date of the notice of readiness to load discharge.

517 Inspected

Use to indicate the date and time the vessel was inspected and ready to load discharge.

518 Voucher (Date of)

802 Date of Action

Use to cite the date of a Value Engineering Change Proposal modification.

	DTM02	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	Century	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
			<i>Use to indicate dates in another format.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	DTM07	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: **FOB** F.O.B. Related Instructions

Position: 210

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	FOB02	309	Location Qualifier Code identifying type of location DE Destination (Shipping) IT Intermediate FOB Point A location indicating the point of destination is not the origin or final destination but rather at some other point OR Origin (Shipping Point)	X ID 1/2
Not Used	FOB03	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	FOB04	334	Transportation Terms Qualifier Code Code identifying the source of the transportation terms	O ID 2/2
Not Used	FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility	X ID 3/3
Not Used	FOB06	309	Location Qualifier Code identifying type of location	X ID 1/2
Not Used	FOB07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes	O ID 2/2
Not Used	FOB09	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **N1** Name
Position: 220
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: 1. Use the 2/N1/220 loop in 2/HL/010 address loops to identify: a) the party originating the transaction set; b) an Automated Data Processing Point as specified in the contract for a party receiving the transaction set; and c) the Ship-To, ultimate recipient, or service performance locations when the same address applies to all line items in the 2/HL/010 shipment loops.
2. Use the 2/N1/220 loop in 2/HL/010 line item loops to identify addresses that vary by line item.
3. Use the 2/N1/220 loop in 2/HL/010 address loop to identify the Ship-To, ultimate recipient, or services performance location when the same address applies to all lines cited in the 2/HL/010 line item loops (when used by Defense Contract Management Command in preparing a Shipment Performance Notice).
4. Use other listed codes, as appropriate, in loops to which they are applicable.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
		31 Postal Mailing Address	
		<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>	
		61 Performed At	
		The facility where work was performed	
		<i>Use to indicate the place of performance when it is other than the contractor's mailing address.</i>	
		7D Contracting Officer Representative	
		7G Hazardous Material Office	
		7H Government Furnished Property FOB Point	
		7M Inspection and Acceptance Location	
		7P Transportation Office	
		92 Support Party	

	The organization supporting the resolution of an investigation
	<i>Use to indicate a secondary Contract Administration Office.</i>
AA	Authority For Shipment
	<i>Use to indicate the authority when required for other types of shipments such as, missing National Stock Number, missing components, etc. Use 2/PER/270 if additional details are required for the authority.</i>
AE	Additional Delivery Address
	<i>Use to indicate a shipment in-place location.</i>
AG	Agent/Agency
B2	Other Unlisted Type of Organizational Entity
	An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it
BT	Bill-to-Party
	<i>Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal Government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs to receive this information.</i>
BY	Buying Party (Purchaser)
C4	Contract Administration Office
	Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
	<i>Use to identify the Administered By activity.</i>
C9	Contract Holder
	<i>Use to indicate the party to whom a contract is awarded if other than the selling party, e.g. The Small Business Administration for a Section 8A award. The contract number awarded by the SBA is cited in PRF06.</i>
CJ	Automated Data Processing (ADP) Point
	A qualifier for an address of a location providing ADP support to an entity that is the intended recipient of a transmission, but that entity does not have its own organic capability to receive the transmission directly, relying instead on the support provided by the ADP point
CY	Country
E5	Examiner
	<i>Maintenance has been submitted to ASC X12 to add a code for Investigator. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.</i>

FR	Message From <i>Use to identify the party originating the transaction set.</i>
IC	Intermediate Consignee <i>Use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KA	Item Manager The address of the person responsible for the management of an item of supply <i>Use to indicate the Government inventory manager.</i>
KF	Audit Office The office performing the audit
KG	Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>
KO	Plant Clearance Officer
KX	Free on Board Point <i>Use to indicate the Free on Board point when it has to be described by a specific address rather than as a code value indicating either origin or destination.</i>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>
KZ	Acceptance Location <i>Use to indicate acceptance is at other than origin or destination.</i>
L1	Inspection Location Place where the item was viewed or inspected <i>Use to indicate the inspection location when it has to be described as an address.</i>
OI	Outside Inspection Agency <i>Use to indicate the inspection agency is other than the Contract Administration Office.</i>
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PG	Prime Contractor
PL	Party to Receive Purchase Order <i>Use to indicate entities other than the contractor that are to receive copies of the award instrument.</i>
PN	Party to Receive Shipping Notice <i>Use for bulk petroleum shipments only when TD504 cites code ZZ, to identify other parties to receive a shipment notice.</i>
PO	Party to Receive Invoice for Goods or Services <i>Use to indicate where the invoice should be mailed.</i>
PR	Payer

	<i>Use to identify the Payment Will be Made by Activity.</i>
PW	Pick Up Address
PZ	Party to Receive Equipment
	Name a party to receive the transfer of equipment
	<i>Use to indicate the address to which a cited container is to be returned.</i>
R6	Requester
	<i>Use to indicate the requesting agency/activity.</i>
RG	Responsible Installation, Origin
	<i>Use to indicate the code of the Acceptance Point when other than the source.</i>
RI	Remit To
	<i>Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location, etc.</i>
SE	Selling Party
	<i>Use to identify the Prime Contractor.</i>
SF	Ship From
	<i>Use to indicate the Ship From activity (shipping point).</i>
SH	Shipper
	<i>Use to indicate the Shipper.</i>
SM	Party to Receive Shipping Manifest
ST	Ship To
	<i>Use to indicate the Ship-to location. Do not use for service line items when there is no shipment of material. Use the 2/SDQ/290 segment to identify multiple ship-to consignees for a single bulk petroleum delivery order.</i>
SV	Service Performance Site
	When services are contracted for, this describes the organization for whom or location address at which those services will be performed
	<i>Use to identify the performance location if other than the contractor's site (e.g., the Quality Assurance Representative's site). Use as many occurrences as necessary to cite if applicable, multiple performance locations. Do not use when the service performance site is the same location as the prime contractor (i.e., code N101 = SE). In that case, use N106 citing code SV to indicate that the service performance location is the same location as that of the prime contractor.</i>
TO	Message To
	<i>Use to identify the party to receive the transaction set.</i>
TS	Party to Receive Certified Test Results
X2	Party to Perform Packaging
	A party responsible for packaging an item after it has been produced
Z4	Owning Inventory Control Point
	An inventory control organization responsible for management of a particular item

		Z7	Mark-for Party The party for whom the needed material is intended <i>If address information for this qualifier does not exist, use the 2/REF/150 with a P4 qualifier to carry the three-character project codes as required.</i>	
		ZD	Party to Receive Reports The organization designated to receive reports	
N102	93	Name		X AN 1/35
		Free-form name		
			<i>Use as necessary, to indicate the name of the activity cited in N101. When that party can be identified by a code value in N104, it is not necessary to provide the name. If additional characters are required to cite the full name, truncate at a logical point and use the N2 segment for the additional name information. When the title of the party performing Quality Assurance at destination is provided, carry that information in an iteration of the N2 segment. When N101 cites code 7H and the Free on Board point is a vessel, use to indicate, as applicable, the name of the port city.</i>	
N103	66	Identification Code Qualifier		X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet <i>Use to indicate the Dun and Bradstreet Number.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate the Department of Defense Activity Address Code of the activity cited in N101. Use when N101 cites one of codes C4, FR PN, PR, PZ, RG, ST, or Z7.</i>	
		33	Commercial and Government Entity (CAGE) <i>Use to identify the contractor issuing the shipment notice. Use when N101 is one of codes FR, SE, SF, ST, or SV.</i>	
		A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity <i>Use to identify an Foreign Military Sale/Grant Aid Ship-To or Mark-For address. Use when N101 is code ST.</i>	
		FI	Federal Taxpayer's Identification Number	
		M4	Department of Defense Routing Identifier Code (RIC) An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions <i>Use only with the Military Standard Petroleum System (MILSPETS).</i>	
		ZN	Zone	
		ZY	Temporary Identification Number A temporary ID to be used until a permanent ID is processed	
N104	67	Identification Code		X AN 2/20

Code identifying a party or other code

Use to cite the actual Dun and Bradstreet, Dun and Bradstreet + 4, Department of Defense Activity Address Code, Contractor and Government Entity Code or Military Assistance Program Address Code of the activity cited in N101, as signaled in N103.

Not Used N105 706 Entity Relationship Code O ID 2/2
Code describing entity relationship

N106 98 Entity Identifier Code O ID 2/2

Code identifying an organizational entity, a physical location, or an individual

FR Message From

Use to indicate that the organization cited in N104 transmitted the transaction set.

SV Service Performance Site

When services are contracted for, this describes the organization for whom or location address at which those services will be performed

Use when N101 cites code SE to indicate that the service performance location is the same as that cited for the contractor. Do not use when the service performance site is different from that given for the contractor. In that case, there should be a separate occurrence of the N1 segment with N101 citing code SV, to indicate the service performance location.

TO Message To

Use to indicate that the organization cited in N104 is to receive the transaction set.

Segment: N2 Additional Name Information
Position: 230
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Use, as applicable, to indicate additional name information for the party cited in N101, when the size of the name is greater than the space allocated in N102.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: N3 Address Information
Position: 240
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Use to indicate the number of the building, the name of the street, suite numbers, if applicable, and any other address information. Use N302 if additional space is required.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4** Geographic Location
Position: 250
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate Government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <i>Do not use a dash in the zip code.</i>	O ID 3/11
N404	26	Country Code Code identifying the country <i>Use only when other than the United States.</i>	O ID 2/3
Not Used	N405	309 Location Qualifier Code identifying type of location	X ID 1/2
Not Used	N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment: REF Reference Numbers
Position: 260
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use to cite a vendor identification number.
2. Use to indicate a project code as part of a Mark-For address.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			16 Military Interdepartmental Purchase Request (MIPR) Number A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
			AL Accounting (Equipment) Location Number	
			BB Authorization Number Proves that permission was obtained to provide a service	
				<i>Use as applicable to indicate an authorization number for shipment.</i>
			BL Government Bill of Lading	
				<i>Use to identify all Government Bill of Lading numbers associated with the shipment cited in BSN02. Do not use for service line items when there is no shipment of material.</i>
			BM Bill of Lading Number	
				<i>Use to identify a commercial bill of lading number. Do not when there is no shipment of material.</i>
			C7 Contract Line Item Number	
				<i>Use to indicate the contract line item number.</i>
			P4 Project Code	
				<i>Use to indicate the project code only when 2/N1/220, N101 cites Code Z7.</i>
			SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	
				<i>Use to indicate the identity number of the shipper.</i>
			TG Transportation Control Number (TCN)	
				<i>Use to identify the Transportation Control Number. Do not use for service line items when there is no shipment of material.</i>

TN Transaction Reference Number

Use to indicate the transaction number (i.e., the requisition number).

VR Vendor ID Number

Use only for Navy paid base level contracts.

W8 Suffix

Differentiates between partial actions taken on the original transaction

Use, if applicable, to cite a suffix associated with a cited requisition (document) number.

REF02 127 Reference Number X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their content

Segment: **PER** Administrative Communications Contact
Position: 270
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use to indicate the name and title of a contractor party making a certification or authorization.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID 2/2</u>
	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	
			AL Alternate Contact Person to be contacted when the main contact is not available	
			AS Authorized Signature <i>Use to indicate an authorized signature.</i>	
			CE Certifier <i>Use to indicate the "signature" of the party making the certification.</i>	
			IC Information Contact <i>Use to indicate a general point of contact for information applicable to the DD Form 250.</i>	
	PER02	93	Name Free-form name <i>When PER01 cites codes CE or AS, use to indicate the name of the party making the certification or authorization.</i>	<u>O</u> <u>AN 1/35</u>
	PER03	365	Communication Number Qualifier Code identifying the type of communication number	<u>X</u> <u>ID 2/2</u>
			AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
			EM Electronic Mail	
			FT Federal Telecommunications System (FTS)	
			FX Facsimile	
			IT International Telephone	
			TE Telephone	
	PER04	364	Communication Number Complete communications number including country or area code when applicable	<u>X</u> <u>AN 1/80</u>
	PER05	365	Communication Number Qualifier Code identifying the type of communication number	<u>X</u> <u>ID 2/2</u>

		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM	Electronic Mail		
		EX	Telephone Extension		
			<i>When used, there must be a previous communication number citing either a national or international telephone number.</i>		
		FT	Federal Telecommunications System (FTS)		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER06	364	Communication Number		X	AN 1/80
		Complete communications number including country or area code when applicable			
PER07	365	Communication Number Qualifier		X	ID 2/2
		Code identifying the type of communication number			
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM	Electronic Mail		
		EX	Telephone Extension		
			<i>When used, there must be a previous communication number citing either a national or international telephone number.</i>		
		FT	Federal Telecommunications System (FTS)		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER08	364	Communication Number		X	AN 1/80
		Complete communications number including country or area code when applicable			
PER09	443	Contact Inquiry Reference		O	AN 1/20
		Additional reference number or description to clarify a contact number			
		<i>When PER01 cites code CE (Certifier), use to indicate the title of the party making the certification.</i>			

Segment:	SDQ Destination Quantity
Position:	290
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	50
Purpose:	To specify destination and quantity detail
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SDQ05 or SDQ06 is present, then the other is required. 2 If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. 6 If either SDQ15 or SDQ16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. 9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes:	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	<ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.
Notes:	<i>Use, as needed, in 2/HL/010 line item loops to identify multiple original consignees of both supplies and a single bulk petroleum delivery order and the estimated delivery quantities to each original consignee. Quantities cited must total the quantity shipped as identified in 2/SN1/030.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SDQ01	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ to identify the purchase unit. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> <i>2. Use Code UL for bulk fuels only to satisfy the X12 standards when the unit of issue is not provided. The receiving application software does not use this data element.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	SDQ02	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <i>This qualifier applies to all entries using data element 67 (SDQ03, 05, etc.).</i> <ol style="list-style-type: none"> 1 D-U-N-S Number, Dun & Bradstreet <i>Use to indicate a Dun and Bradstreet number.</i> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) 	O ID 1/2

A2 *Used to indicate the contractor issuing the ship notice.*
 Military Assistance Program Address Code (MAPAC)
 Contained in the Military Assistance Program Address
 Directory (MAPAD); represents the location of an
 entity

FI *Use to identify the Foreign Military Sale/Grant Aid*
 Ship-To or Mark-For address.

ZY Federal Taxpayer's Identification Number
 Temporary Identification Number
 A temporary ID to be used until a permanent ID is
 processed

Must Use	SDQ03	67	Identification Code	M	AN 2/20
			Code identifying a party or other code		
Must Use	SDQ04	380	Quantity	M	R 1/15
			Numeric value of quantity		
	SDQ05	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ06	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ07	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ08	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ09	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ10	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ11	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ12	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ13	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ14	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ15	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ16	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ17	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ18	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ19	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	SDQ20	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SDQ21	67	Identification Code	X	AN 2/20

		Code identifying a party or other code		
SDQ22	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ23	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 320

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

- Notes:
1. *When using 2/SAC/320 to indicate prompt payment discount data, use a second iteration of 2/SAC/320 to indicate a second discount period if applicable.*
 2. *Use to indicate when a shipment is made under Certificate of Conformance terms.*

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
		A	Allowance	
			<i>Use when a discount is offered.</i>	
		C	Charge	
		N	No Allowance or Charge	
			<i>Use with code B020 in SAC02 to indicate a shipment is made under Certificate of Conformance terms.</i>	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
		B020	Certificate of Conformance	

			<i>Use to indicate when contract terms provide for use of Certificate of Conformance, and shipment is made under those terms.</i>		
		B050	Certification		
		C310	Discount		
			<i>Use to indicate a discount is provided.</i>		
		D120	Foreign Military Sales (FMS) Special Charge		
		D240	Freight		
			<i>Use to indicate freight charges. Identify the amount of the charge in SAC05.</i>		
		G510	Returnable Container		
Not Used	SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X	ID 2/2
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X	AN 1/10
	SAC05	610	Amount Monetary amount	O	N2 1/15
			<i>Use to indicate the amount applicable.</i>		
	SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated	X	ID 1/1
		4	Discount/Net		
			<i>Use to indicate the discount basis cited in SAC07 and the net terms days in SAC10/11.</i>		
	SAC07	332	Percent Percent expressed as a percent	X	R 1/6
			<i>Use to indicated to percent discount offered in the contract for prompt payment. Example 2 = 2%, 5 = 5%, and 10 = 10%.</i>		
Not Used	SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O	R 1/9
	SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID 2/2
			<i>Use to indicate the units for the discount basis.</i>		
		DA	Days		
			<i>Use to indicate the discount is based on a number of days.</i>		
	SAC10	380	Quantity Numeric value of quantity	X	R 1/15
			<i>Use to indicate the number of days applicable to the term discount. Example, 2/10 indicates a 2% discount is given if the invoice is paid within 10 days.</i>		
	SAC11	380	Quantity Numeric value of quantity	O	R 1/15
			<i>Use to indicate net payment period. Example: net 30 indicates the invoice amount is due within 30 days.</i>		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge	O	ID 2/2
Not Used	SAC13	127	Reference Number	X	AN 1/30

Not Used	SAC14	770	Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Option Number O AN 1/20 A unique number identifying available promotion or allowance options when more than one is offered
	SAC15	352	Description O AN 1/80 A free-form description to clarify the related data elements and their content <i>Cite the letter E when the amount of the discount cited in SAC05 is an estimate.</i>

Segment: LM Code Source Information
Position: 340
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes:

Use the 2/LM/340 loop in the 2/HL/010 shipment loop to identify, as applicable, the contract shipment advice, transaction status indicator, supply condition code, and management code, as Department of Defense coded data, and the Document Identifier Code (DIC) when the same code applies to all line items cited in 2/HL/010 line item loops. Use the 2/LM/340 loop in 2/HL/010 line item loops when the codes vary by line item.

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	LM01	559 Agency Qualifier Code		M ID 2/2
		Code identifying the agency assigning the code values		
		DF Department of Defense (DoD)		
		DO United States Department of Transportation (DOT)		
		EP United States Environmental Protection Agency (EPA)		
		FG Federal Government		
		GS General Services Administration (GSA)		
		Responsible for Federal Specification		
		ZZ Mutually Defined		
		<i>Use to indicate an agency that is not otherwise listed.</i>		
LM02	822	Source Subqualifier		O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier		
		<i>Used by parties other than the Department of Defense to cite a code source listed in Appendix A of the X12 Directories.</i>		

Segment: **LQ** Industry Code
Position: 350
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		0 Document Identification Code	
		Codes that subclassify a transaction	
		6 Special Contract Provision Code	
		Certain contract clauses and provisions that require special attention	
		<i>Use to indicate special contract provisions applicable to the shipment.</i>	
		7 Quality Assurance Site Code	
		The site at which quality assurance is performed	
		<i>Use to indicate the quality assurance performance location.</i>	
		8 Acceptance Site Code	
		The site at which assent to ownership of contract line items takes place	
		<i>Use to indicate the acceptance site.</i>	
		9 Indicator Code	
		A specific condition applies to the contract	
		<i>Use to indicate Fast Pay terms.</i>	
		10 Transaction Status Indicator Code	
		A transaction other than normal and therefore requiring special handling	
		<i>Use to identify the status of supply and service shipment notices. Do not use for cancellations or corrections. Those codes will be cited in I/BSN01/020.</i>	
		14 Contract Shipment Advice Code	
		Information about a shipment of material from a contractor to the government	
		<i>Use as required to identify contract shipment advice information for supply and service shipment notices.</i>	
		16 Cash Discount Stipulation Code	
		When cash discount terms for prompt payment apply to the contract	
		<i>Use to indicate that a shipment involves discount</i>	

			<i>payment terms.</i>	
	83		Supply Condition Code	
			Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable	
			<i>Use to identify the supply condition of bulk petroleum shipments.</i>	
	84		Management Code	
			Supplemental information not covered by the transaction coding structure	
			<i>Use with Defense Logistics Management System bulk petroleum shipments only.</i>	
LQ02	1271	Industry Code		X AN 1/20
		Code indicating a code from a specific industry code list		
		1. When preparing an internal Department of Defense transaction, and when LQ01 cites code 0, cite one of document identifier codes PJJ, PJR or PK5.		
		2. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 6, use only code A (Liquidated Damages). For others, use as many of these codes as are appropriate: A (Liquidated Damages), E (Government furnished property was part of the contract) or K (Bond bailment for DPSC clothing contracts).		
		3. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 7, use one of these codes: D (Destination) or S (Origin, Source).		
		4. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 8, use one of these codes: D (Destination) or S (Origin, Source).		
		5. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 10, use as many of these codes as applicable: G (Ship-To code differs from contract), H (Stock number/part number differs from contract), L (MILSTRIP document number differs from contract), P (Final quantity shipped exceeds quantity variance for the cited CLIN), Q (Mark-for differs from contract), S (Two or more of the ship-to, mark-for, MILSTRIP document number do not match the contract), T (Quantity shipped exceed the on-order quantity and the stock/part number differ from the contract).		
		6. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components missing), B (Missing components furnished), C (Quantity increase), D (Quantity decrease), E (Replacement shipment), F (Shipped and held in bond at contractor's plant), G (Shipped and held as GFP), H (Shipped or performed as indicated), and Z (Underrun quantity). While multiple codes can be transmitted, only one will be converted to an 80-column record in the Defense Logistics Management System.		
		7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).		

8. When preparing a shipment notice, and when LQ01 is code 9, use the following code: F (Fast Pay).

9. Use LQ01 code 83 only for Defense Logistics Management System bulk petroleum shipments to identify the supply condition.

10. Use LQ01 code 84 only for Defense Logistics Management System bulk petroleum shipments to identify management coded data.

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Cite the same number as the one cited in ST02.</i>	M AN 4/9

NIST Technical Publications

Periodical

Journal of Research of the National Institute of Standards and Technology—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

Nonperiodicals

Monographs—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

Handbooks—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

Special Publications—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

National Standard Reference Data Series—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published bimonthly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW, Washington, DC 20056.

Building Science Series—Disseminates technical information developed at the Institute on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

Technical Notes—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NIST under the sponsorship of other government agencies.

Voluntary Product Standards—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NIST administers this program in support of the efforts of private-sector standardizing organizations.

Order the following NIST publications—FIPS and NISTIRs—from the National Technical Information Service, Springfield, VA 22161.

Federal Information Processing Standards Publications (FIPS PUB)—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NIST pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

NIST Interagency Reports (NISTIR)—A special series of interim or final reports on work performed by NIST for outside sponsors (both government and nongovernment). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.

U.S. Department of Commerce
National Institute of Standards
and Technology
Gaithersburg, MD 20899-0001

Official Business
Penalty for Private Use \$300